No Documents Found

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LEXIS-NEXIS Library: PATENT **CASES** File:

Patent Assignment Abstract of Title

Total Assignments: 1

Application #: <u>08560015</u> **Filing Dt:** 11/17/1995 Patent #: 5761301 **Issue Dt:** 06/02/1998

PCT #: NONE **Publication #: NONE** Pub Dt:

Inventors: MITSUAKI OSHIMA, YOSHIHO GOTOH

Title: MARK FORMING APPARATUS, METHOD OF FORMING LASER MARK ON OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND METHOD OF PRODUCING OPTICAL DISK

Assignment: 1

Received: Recorded: Mailed: Pages: Reel/Frame: 007884/0122 04/16/1996

04/10/1996 06/29/1996

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: OSHIMA, MITSUAKI **Exec Dt:** 02/20/1996 GOTOH, YOSHIHO

Exec Dt: 02/20/1996

Assignee: MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.

1006, OAZA KADOMA, KADOMA-SHI

OSAKA, JAPAN 571

Correspondent: RATNER & PRESTIA

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Search Results as of: 4/18/2005 1:09:39 P.M.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723 Web interface last modified: Oct. 5, 2002

No Documents Found

No documents were found for your search (5761301 or 5,761,301). Please edit your search and try again. You may want to try one or more of the following:

- Check for spelling errors.

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LEXIS-NEXIS Library: PATENT File: JNLS

?us5761301/pn

** SS 1: Results 1 Search statement ?prt full nonstop legalall 1/1 PLUSPAT - (C) QUESTEL-ORBIT - US5761301 A 19980602 [US5761301] - (A) Mark forming apparatus, method of forming laser mark on optical disk, reproducing apparatus, optical disk and method of producing optical disk - (A) MATSUSHITA ELECTRIC IND CO LTD PΑ - (A) GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP) AP - US56001595 19951117 [1995US-0560015] PR - JP28341594 19941117 [1994JP-0283415] - JP1615395 19950202 [1995JP-0016153] - JP26124795 19951009 [1995JP-0261247] - (A) H04K-001/00IC - G11B-007/007 - G11B-007/26 - G11B-011/105P - G11B-013/04C - G11B-020/00P ICO - S06F-001/00N1D2D - S11B-007/00E - S11B-007/00M3 - S11B-013/04C PCL - ORIGINAL (O): 705057000; CROSS-REFERENCE (X): 235494000 369272000 380201000 - Corresponding document - US5065429; US5191611; US5392351; US5400403; US5457668; US5457746; US5513169; EP0545472; EP553545; DE4308680; JP61-190734; JP63-46541; JP63-164043; JP2-44448; JP5-325193; JP5-266576; JP7-325712; NL9101358 - European Search Report dated May 15, 1997. International Search Report dated Jan. 30, 1996. STG - (A) United States patent - An object of the present invention is to provide a marking forming apparatus, a method of forming a laser marking on an optical disk, a reproduction apparatus, an optical disk, and a method of manufacturing an optical disk, capable of providing a greatly improved copy prevention capability as compared to prior known construction. To achieve this object, in the optical disk of the invention, for example, a marking is formed by a laser on a reflective film of a disk holding data written thereon and at least position information of the marking or information concerning the position information is written on the disk in an encrypted form or with a digital signature appended thereto. 1/1 LGST - (C) LEGSTAT PN - US 5761301 [US5761301] - US 560015/95 19951117 [1995US-0560015] AΡ DT - US-P ACT - 19951117 US/AE-A APPLICATION DATA (PATENT)

{US 560015/95 19951117 [1995US-0560015]}

- 19960410 US/AS02 ASSIGNMENT OF ASSIGNOR'S INTEREST MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. 1006, OAZA KADOMA, KADOMA-SHI OSAKA, JAP * OSHIMA, MITSUAKI : 19960220; GOTOH, YOSHIHO : 19960220

- 19980602 US/A

PATENT

- 20000801 US/RF REISSUE APPLICATION FILED 20000602

UP - 2000-31

1/1 CRXX - (C) CLAIMS/RRX

PN - 5,761,301 A 19980602 [US5761301]

PA - Matsushita Electric Industrial Co Ltd JP

ACT - 20000602 REISSUE REQUESTED ISSUE DATE OF O.G.: 20000801 REISSUE REQUEST NUMBER: 09/588364

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3642

Reissue Patent Number:

- 20011207 REISSUE REQUESTED ISSUE DATE OF O.G.: 20020402 REISSUE REQUEST NUMBER: 10/017965 EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3642

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- 20011207 REISSUE REQUESTED ISSUE DATE OF O.G.: 20020409 REISSUE REQUEST NUMBER: 10/017973 EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3642

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- 20011207 REISSUE REQUESTED ISSUE DATE OF O.G.: 20020409 REISSUE REQUEST NUMBER: 10/020425 EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3642

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- 20011207 REISSUE REQUESTED ISSUE DATE OF O.G.: 20020409 REISSUE REQUEST NUMBER: 10/020427 EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3642

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1/3 PAST - (C) PAST AN - 200215-001677

PN - 5761301 A [US5761301]

OG - 2002-04-09

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2/3 PAST - (C) PAST

AN - 200214-001609 PN - 5761301 A [US5761301] OG - 2002-04-02 ACT - REISSUE APPLICATION FILED

3/3 PAST - (C) PAST

AN - 200031-001336 PN - 5761301 A [US5761301] OG - 2000-08-01

ACT - REISSUE APPLICATION FILED

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DIALOG(R) File 345: Inpadoc/Fam. & Legal Stat
(c) 2002 EPO. All rts. reserv.
14464905
Basic Patent (No, Kind, Date): EP 506400 A2 19920930 < No. of Patents: 375>
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 92256070 A
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
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   Author (Inventor): OSHIMA MITSUAKI (JP)
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
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   Author (Inventor): OSHIMA MITSUAKI
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   Author (Inventor): OSHIMA MITSUAKI
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   Author (Inventor): OSHIMA MITSUAKI
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   Author (Inventor): OSHIMA MITSUAKI
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  Patent (No, Kind, Date): CA 2092495 AA 19930927
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
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   COMMUNICATION SYSTEM (English; French)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI (JP)
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
                  (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI
       TOSHIKAZU
      TANAKA MITIRO (JP); TAN SATOSHI (JP)
   Priority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
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      (English; French)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                                        (JP);
      USHIGOME HISASHI (JP)
                                JP 938596
   Priority (No, Kind, Date):
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    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
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    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): USHIGOME HISASHI
                                             (JP); KOMODA HIDEAKI
      OSHIMA MITSUAKI (JP)
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 SYSTEM OF COMMUNICATION (English)
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Patent (No, Kind, Date): CN 1085680 A
 RECORD REPLAYING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TANAKA MICHIRO
                                                                  (JP);
   SHIMIZU RYOSUKE (JP)
    ority (No, Kind, Date): JP 938596 A 19930121; JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP
 Priority (No, Kind, Date):
    92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A
   19921211
 Applic (No, Kind, Date): CN 93105219 A 19930326
 IPC: * G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-341616; G 96-062972; G 98-181451
 JAPIO Reference No: *
                          180121P000165; 180264P000063; 180522P000136;
   180618P000070
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1096389 A 19941214
 RECORDING AND REPRODUCING APPTS. (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
   TOSHIKAZU (JP)
                                             19930121; JP 93314114 A
 Priority (No, Kind, Date):
                             JP 938596
                                         Α
   19931119
 Applic (No, Kind, Date): CN 94101055 A
                                         19940121
 IPC: * G11B-011/12
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1098810 A 19950215
 APPARATUS FOR REGENERATION OF RECORDING AND RECORDING MEDIUM AND
   MANUFACTURE OF SAME (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                        (JP); KOMODA HIDEAKI
                                                                  (JP);
   USHIGOME HISASHI (JP)
                                             19930121; JP 93314114 A
 Priority (No, Kind, Date): JP 938596
                                         Α
   19931119
 Applic (No, Kind, Date): CN 94101336 A
                                        19940121
 IPC: * G11B-007/24; G11B-011/12
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560; G 95-116722
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1099544 A
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                                             19930325; JP 93261612 A
 Priority (No, Kind, Date): JP 9366461 A
   19930924
 Applic (No, Kind, Date): CN 94103352 A 19940325
 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1119895 A
                                     19960403
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
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REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
   DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
   (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93335165 A 19931228; JP 94299508 A
   19941202
 Applic (No, Kind, Date): CN 94191566 A 19941228
 Derwent WPI Acc No: * G 95-246541
 Language of Document: Chinese
                                     19960717
Patent (No, Kind, Date): CN 1127049 A
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
   INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): JP 94104879 A 19940418; JP 94283415 A
   19941117
 Applic (No, Kind, Date): CN 95190313 A 19950418
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1138915 A 19961225
 MARKING GENERATING APPTS., METHOD OF FORMING LASER MARKING ON OPTICAL
   DISK, REPRODUCING APPTS., OPTICAL DISK AND OPTICAL DISK PRODUCING
   METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC INDUTRIAL (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIHO GOTOH (JP)
 Priority (No, Kind, Date): JP 94283415 A 19941117; JP 9516153 A
   19950202
 Applic (No, Kind, Date): CN 95191218 A 19951116
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785
Language of Document: Chinese
Patent (No, Kind, Date): CN 1166223 A
                                     19971126
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL PRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIO GOTOH (JP); SHINICHI
   TANAKA (JP)
                           JP 96211304 A
           (No, Kind, Date):
                                             19960809; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): CN 96191182 A
                                        19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: Chinese
Patent (No, Kind, Date): CN 1173942 A
                                     19980218
 OPTICAL DISK, OPTICAL REOCORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORZING SYSTEM FOR USE OF PROGRAM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIHHO GOTOH
                                                                  (JP);
   SHINICHI TANAKA (JP)
 Priority (No, Kind, Date): JP 95261247
                                           Α
                                               19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): CN 96191826 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Chinese
Patent (No.Kind, Date): CN 1250278 A
 TELECOMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUTERU DAIJIMA (JP)
                                             19930325; JP 93132984 A
 Priority (No, Kind, Date): JP 9366461 A
   19930510; JP 93261612 A 19930924
 Applic (No, Kind, Date): CN 99108470 A 19990616
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IPC: * H04J-001/00; H04L-027/00; H04N-011/24
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1305310 A 20010725
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OTORI (JP)
 Priority (No, Kind, Date): JP 9366461 A
                                            19930325; JP 93132984 A
   19930510; JP 93261612 A 19930924
 Applic (No, Kind, Date): CN 2000133827 A
                                           20001030
 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
    00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G
     01-063440; G 01-063441
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1305311 A 20010725
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OTORI (JP)
 Priority (No, Kind, Date): JP 9366461 A
                                            19930325; JP 93132984 A
   19930510; JP 93261612 A
                            19930924
 Applic (No, Kind, Date): CN 2000133828 A
                                           20001030
 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
    00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G
     01-063440; G 01-063441
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1305312 A
                                      20010725
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITUAKI OTORI (JP)
                                            19930325; JP 93132984 A
 Priority (No, Kind, Date): JP 9366461 A
                            19930924
   19930510; JP 93261612 A
 Applic (No, Kind, Date): CN 2000133829 A
                                           20001030
 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
    00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G
     01-063440; G 01-063441
  Language of Document: Chinese
Patent (No, Kind, Date): CN 1305313 A 20010725 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITUAKI OTORI (JP)
 Priority (No, Kind, Date): JP 9366461 A
                                            19930325; JP 93132984 A
    19930510; JP 93261612 A
                            19930924
 Applic (No, Kind, Date): CN 2000133830 A 20001030
  IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
    00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G
     01-063440; G 01-063441
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1032099 B
                                      19960619
  SYSTEM OF COMMUNICATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): TAISHIMA MITSUTERU (JP)
 Priority (No, Kind, Date): JP 9267934 A 19920326; JP 92256070 A
    19920925
 Applic (No, Kind, Date): CN 93102721 A
 IPC: * H04B-007/00; H04N-007/12; H04N-011/00
 Derwent WPI Acc No: * G 93-305235; G 94-103292
  JAPIO Reference No: * 180486E000144
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1036952 B
                                      19980107
  RECORD REPLAYING APPARATUS (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                        (JP); MICHIRO TANAKA
                                                                  (JP):
  Author (Inventor):
                       MITSUAKI OSHIMA
    RYOSUKE SHIMIZU (JP)
                                              19930121; JP 9268031 A
  Priority (No, Kind, Date): JP 938596
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19920326; JP 92111176 A 19920430; JP 92194450 A
                                                                19920722; JP
       92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A
      19921211
    Applic (No, Kind, Date): CN 93105219 A 19930326
    IPC: * G11B-013/04
    Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
      94-242360; G 95-341616; G 96-062972; G 98-181451
    JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136;
      180618P000070
    Language of Document: Chinese
  Patent (No, Kind, Date): CN 1045036 B 19990908
    TRANSMISSION APPARATUS (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): MITSUAKI OSHIMA (JP)
    Priority (No, Kind, Date): JP 9162798 A 19910327; JP 911822 19910723; JP 91155650 A 19910529; JP 9195813 A 19910425
                                                 19910327; JP 91182236 A
    Applic (No, Kind, Date): CN 92102955 A 19920327
    IPC: * H04B-001/00; H04N-007/13
    Derwent WPI Acc No: * G 92-325674; G 97-195354 JAPIO Reference No: * 180152E000002
    Language of Document: Chinese
GERMANY (DE)
  Patent (No, Kind, Date): DE 69223541 CO 19980129
    SIGNALUEBERTRAGUNGSSYSTEM (German)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
      9260739 A
                   19920317
    Applic (No, Kind, Date): DE 69223541 A 19920326
    IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
    Derwent WPI Acc No: * G 92-325674; G 97-195354
JAPIO Reference No: * 180152E000002
    Language of Document: German
  Patent (No, Kind, Date): DE 69330665 CO 20011004
    MEHRFACHAUFLOESUNGSUEBERTRAGUNGSSYSTEM (German)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): JP 92256070 A
                                                19920925; JP 9366461 A
      19930325; JP 93132984 A
                                  19930510
    Applic (No, Kind, Date): DE 69330665 A 19930924
    IPC: * H04L-001/00; H04L-027/18
    Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
      94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G
      01-063439; G 01-063440; G 01-063441
    JAPIO Reference No: * 180486E000144
    Language of Document: German
  Patent (No, Kind, Date): DE 69426795 CO 20010412
    AUFZEICHNUNGS- UND WIEDERGABEGERAET (German)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): JP 93205682 A
                                                19930727; JP 94104879 A
      19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP
      93314114 A
                    19931119
    Applic (No, Kind, Date): DE 69426795 A 19940727
    IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
      ; G11B-023/28
    Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
      95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
      01-018026
    Language of Document: German
  Patent (No, Kind, Date): DE 69523139 CO 20011115
    GERAET ZUR ERZEUGUNG EINER MARKIERUNG, VERFAHREN ZUR ERZEUGUNG EINER
      LASERMARKIERUNG AUF EINER OPTISCHEN PLATTE, OPTISCHE PLATTE UND
      VERFAHREN ZU DEREN HERSTELLUNG (German)
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): JP 94283415 A
                                           19941117; JP 9516153 A
   19950202; JP 95261247 A 19951009; WO 95JP2339 W
                                                        19951116
 Applic (No, Kind, Date): DE 69523139 A 19951116
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09; G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610859 CO 20001207
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): DE 69610859 A 19960515
 IPC: *
        G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610860 CO 20001207
 OPTISCHE SCHEIBE DIE INFORMATION IN DER FORM EINES STRICHKODES TRAEGT
    (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                         (JP); TANAKA
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): DE 69610860 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610861 CO 20001207
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                           19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): DE 69610861 A
                                         19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69611906 CO 20010405
 OPTISCHE PLATTE MIT STRICHKODE (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                           19951009; JP 968910 A
   19960123; WO 96JP1303 W
                              19960515
 Applic (No, Kind, Date): DE 69611906 A
                                         19960515
 IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10;
   G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69613010 CO 20010628
 OPTISCHES AUFZEICHNUNGSGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
  Priority (No, Kind, Date): JP 95261247 A
                                          19951009; JP 968910 A
    19960123; JP 96211304 A
                             19960809
 Applic (No, Kind, Date): DE 69613010 A 19961008
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IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69613011 CO 20010628
 OPTISCHES AUFZEICHNUNGSGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
             (JP)
   YOSHINARI
 Priority (No, Kind, Date): JP 95261247 A
                                            19951009; JP 968910 A
   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): DE 69613011 A
                                         19961008
         G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 IPC: *
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69613156 CO 20010705
 OPTISCHES WIEDERGABEGERAET ZUR WIEDERGABE VERSCHLUESSELTER
   INFORMATIONEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                            19951009; JP 968910 A
   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): DE 69613156 A
                                          19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119 Language of Document: German
Patent (No, Kind, Date): DE 69614580 CO 20010920
 WIEDERGABEGERAET FUER OPTISCHE PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                          (JP); TANAKA
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                            19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): DE 69614580 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69614823 CO 20011004
 AUFZEICHNUNGSGERAET FUER OPTISCHE PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                           19951009; JP 968910 A
   19960123; JP 96211304 A 19960809; WO 96JP2924 W
                                                         19961008
 Applic (No, Kind, Date): DE 69614823 A 19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69615418 CO 20011025
 OPTISCHE PLATTE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69615418 A
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 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
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Patent (No, Kind, Date): DE 69617478 CO 20020110
 OPTISCHE PLATTE UND GERAET ZUR WIEDERGABE OPTISCHER PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                           (JP); TANAKA
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69617478 A
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         G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 IPC: *
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69618633 CO 20020221
 OPTISCHE PLATTE UND GERAET ZUR WIEDERGABE OPTISCHER PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                            (JP); TANAKA
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69618633 A
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    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69618672 CO 20020228
 OPTISCHE PLATTE ZUR ANWENDUNG IN EINEM VERSCHLUESSEL- ODER
    PROGRAMMLIZENZSYSTEM (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI (JP)
  Priority (No, Kind, Date): JP 95261247 A
                                            19951009; JP 968910 A
    19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): DE 69618672 A
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 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69223541 T2 19980409
  SIGNALUEBERTRAGUNGSSYSTEM (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
    19910425; JP 91155650 A
                               19910529; JP 91182236 A
                                                         19910723; JP
    9260739 A
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 Applic (No, Kind, Date): DE 69223541 A 19920326
 IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34 Derwent WPI Acc No: * G 92-325674; G 97-195354 JAPIO Reference No: * 180152E000002
  Language of Document: German
Patent (No, Kind, Date): DE 69426795 T2 20011108
 AUFZEICHNUNGS- UND WIEDERGABEGERAET (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93205682 A
                                             19930727; JP 94104879 A
    19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP
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 Applic (No, Kind, Date): DE 69426795 A
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  IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
    ; G11B-023/28
  Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
    01-018026
  Language of Document: German
Patent (No, Kind, Date): DE 69523139 T2 20020131
  GERAET ZUR ERZEUGUNG EINER MARKIERUNG, VERFAHREN ZUR ERZEUGUNG EINER
    LASERMARKIERUNG AUF EINER OPTISCHEN PLATTE, OPTISCHE PLATTE UND
    VERFAHREN ZU DEREN HERSTELLUNG (German)
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): JP 94283415 A
                                          19941117; JP 9516153 A
   19950202; JP 95261247 A 19951009; WO 95JP2339 W 19951116
 Applic (No, Kind, Date): DE 69523139 A 19951116
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09; G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610859 T2 20010315
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69610859 A
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   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610860 T2 20010315
 OPTISCHE SCHEIBE DIE INFORMATION IN DER FORM EINES STRICHKODES TRAEGT
    (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                         (JP); TANAKA
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69610860 A
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 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610861 T2 20010315
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                           19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): DE 69610861 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69611906 T2 20010621
 OPTISCHE PLATTE MIT STRICHKODE (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
                                           19951009; JP 968910 A
 Priority (No, Kind, Date): JP 95261247 A
   19960123; WO 96JP1303 W
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 Applic (No, Kind, Date): DE 69611906 A
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 IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10;
   G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69613010 T2 20011115
 OPTISCHES AUFZEICHNUNGSGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
 Priority (No, Kind, Date): JP 95261247 A
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 Applic (No, Kind, Date): DE 69613010 A
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   Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
   Language of Document: German
  Patent (No, Kind, Date): DE 69613011 T2 20011115
   OPTISCHES AUFZEICHNUNGSGERAET (German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
     SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
     YOSHINARI (JP)
   Priority (No, Kind, Date): JP 95261247 A
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   Applic (No, Kind, Date): DE 69613011 A
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     ; G06F-001/00; G11B-019/12
   Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
   Language of Document: German
 Patent (No, Kind, Date): DE 69613156 T2 20011025
   OPTISCHES WIEDERGABEGERAET ZUR WIEDERGABE VERSCHLUESSELTER
     INFORMATIONEN (German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
     SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
     YOSHINARI (JP)
   Priority (No, Kind, Date): JP 95261247 A
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     ; G06F-001/00; G11B-019/12
   Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
   Language of Document: German
GERMANY (DE)
 Legal Status (No, Type, Date, Code, Text):
                                              CORRESPONDS TO (ENTSPRICHT)
   DE 69223541
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                       19980129 DE REF
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                       19980409 DE 8373
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DE 69	615418	P	200110		802527 DE REF		20011004 CORRESPONDS	то	(ENTSPRICHT)

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EP 1005033 P
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                   Ρ
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                                              20020228
EUROPEAN PATENT OFFICE (EP)
  Patent (No, Kind, Date): EP 562875 A1 19930929
   MULTIRESOLUTION QAM SYSTEM (English; French; German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 9267934 A
                                                 19920326; JP 92256070 A
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   Applic (No, Kind, Date): EP 93302369 A 19930326
   Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
     IT; LI; LU; MC; NL; PT; SE
   IPC: * H04L-027/34; H04N-007/13
   Derwent WPI Acc No: ; G 93-305235
   Language of Document: English
  Patent (No, Kind, Date): EP 617531 A1 19940928
   MULTIRESOLUTION TRANSMISSION SYSTEM. (English; French; German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
                              JP 9366461 A
19930924
   Priority (No, Kind, Date):
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   19930510; JP 93261612 A 19930924
Applic (No, Kind, Date): EP 94302149 A
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   Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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   IPC: * H04L-027/02; H04L-027/34; H04L-005/06; H04L-027/18; H04N-007/13
   Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G 00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G
       01-063440; G 01-063441; G 94-311606
  Language of Document: English
Patent (No, Kind, Date): EP 689200 A1 19951227
   OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
     REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINA L
     DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
      (English; French; German)
   Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
   Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): WO 94JP2304 W 19941228; JP 93335165 A
      19931228; JP 9422191
                              A 19940120; JP 94104879 A 19940418; JP
     94156089 A 19940707; JP 94299508 A 19941202
   Applic (No, Kind, Date): EP 95904033 A 19941228
   Designated States: (National) DE; FR; GB; IT
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                                                               G11B-007/00;
     G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
   Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
     01-018026
   Language of Document: English
  Patent (No, Kind, Date): EP 706174 Al 19960410
   METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
      INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English;
     French; German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO
   Priority (No, Kind, Date): WO 95JP760 W 19950418; JP 94104879 A
       19940418; JP 94283415 A
                                    19941117; JP 94327963 A 19941228; JP
     9515318 A 19950201; JP 9516865 A 19950203
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20011025

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Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 741382 Al 19961106
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
   OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
   PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): WO 95JP2339 W 19951116; JP 94283415 A
   19941117; JP 9516153 A
                            19950202; JP 95261247 A 19951009
 Applic (No, Kind, Date): EP 95938017 A 19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 802527 A1 19971022
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): WO 96JP2924 W 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                     19960809
 Applic (No, Kind, Date): EP 96932845 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119 Language of Document: English
Patent (No, Kind, Date): EP 807929 Al 19971119
 OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK
   REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR OPTICAL DISK, AND METHOD OF OPTICAL DISK PRODUCTION (English; French;
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): WO 96JP1303 W 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 96915172 A
                                          19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 971345 A1 20000112
                          FOR RECORDING AND REPRODUCING WRITE-ONCE
 OPTICAL DISK, METHOD
   INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING
   DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR
   RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK
   RECORDING DEVICE (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA M (JP); KONISHI SHINICHI (JP); TANAKA
                (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); GOTOH
    SHIN-ICHI
    YOSHIHO
              (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
   MURAKAMI MOTOYOSHI (JP)
                            WO 97JP4664 W 19971217; JP 96339304 A
 Priority (No, Kind, Date):
   19961219; JP 979318 A 19970122; JP 97259110 A
                                                     19970924
 Applic (No, Kind, Date): EP 97949124 A 19971217
 Designated States: (National) DE; FR; GB; IT; NL
 IPC: * G11B-011/10; G11B-007/00; G06F-012/14
 Derwent WPI Acc No: * G 98-363034
 Language of Document: English
Patent (No, Kind, Date): EP 973335 Al 20000119
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JR
                                   19910327; JP 9195813 A 19910425; JP
     91155650 A
                     19910529; JP 91182236 A 19910723; JP 9260739 A
    19920317
 Applic (No, Kind, Date): EP 99119278 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731; G 00-108239
  JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975168 Al 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JF
                                   19910327; JP 9195813 A 19910425; JP
                    19910529; JP 91182236 A 19910723; JP 9260739 A
     91155650 A
   19920317
 Applic (No, Kind, Date): EP 99119266 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731; G 00-184726
 JAPIO Reference No: * 180152E000002
Language of Document: English
Patent (No, Kind, Date): EP 975169 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German) .
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JR
     19920326; JP 9162798
                                    19910327; JP 9195813 A 19910425; JP
                     19910529; JP 91182236 A 19910723; JP 9260739 A
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   19920317
 Applic (No, Kind, Date): EP 99121006 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731; G 00-184727
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975170 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
     19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                    19910529; JP 91182236 A 19910723; JP 9260739 A
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   19920317
 Applic (No, Kind, Date): EP 99121007 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731; G 00-184728
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975171 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
     19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
     91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A
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19920317
  Applic (No, Kind, Date): EP 99121008 A 19920326
  Designated States: (National) DE; FR; GB; NL
  IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
  Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731; G 00-118426
  JAPIO Reference No: * 180152E000002
  Language of Document: English
Patent (No, Kind, Date): EP 975172 Al 20000126
  SIGNAL TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JR
     19920326; JP 9162798
91155650 A 1991052
                                   19910327; JP 9195813 A 19910425; JP
                     19910529; JP 91182236 A 19910723; JP 9260739 A
    19920317
 Applic (No, Kind, Date): EP 99121024 A 19920326
  Designated States: (National) DE; FR; GB; NL
  IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
  Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731; G 00-184729
  JAPIO Reference No: * 180152E000002
  Language of Document: English
Patent (No, Kind, Date): EP 975173 A1 20000126
  SIGNAL TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                     19910529; JP 91182236 A 19910723; JP 9260739 A
     91155650
               Α
    19920317
  Applic (No, Kind, Date): EP 99121025 A 19920326
  Designated States: (National) DE; FR; GB; NL
  IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
  Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731; G 00-184730
  JAPIO Reference No: * 180152E000002
  Language of Document: English
Patent (No, Kind, Date): EP 975174 A1 20000126
  SIGNAL TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
     19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                    19910529; JP 91182236 A 19910723; JP 9260739 A
     91155650
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    19920317
  Applic (No, Kind, Date): EP 99121026 A 19920326
  Designated States: (National) DE; FR; GB; NL
  IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
  Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731; G 00-184731
  JAPIO Reference No: * 180152E000002
  Language of Document: English
Patent (No, Kind, Date): EP 1003162 Al 20000524
  AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
    French: German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                             (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
    19951009; JP 968910 A 19960123
  Applic (No, Kind, Date): EP 2000103257 A
  Designated States: (National) DE; FR; GB
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
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; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005023 Al 20000531
           REPRODUCING DEVICE
 OPTICAL
                                  FOR
                                         THE REPRODUCTION OF ENCRYPTED
    INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
              (JP)
    YOSHINARI
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 2000102965 A
                                             19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005024 Al 20000531
          REPRODUCING DEVICE FOR THE REPRODUCTION OF ENCRYPTED
 OPTICAL
    INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI
              (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 2000102966 A
                                             19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119 Language of Document: English
Patent (No, Kind, Date): EP 1005025 A1 20000531
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
                (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI
              (JP)
                            EP 96932845 A3 19961008; JP 95261247 A
  Priority (No, Kind, Date):
    19951009; JP 968910 A 19960123; JP 96211304 A
                                                       19960809
 Applic (No, Kind, Date): EP 2000102967 A
                                             19961008
  Designated States: (National) DE; FR; GB
  IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005026 A1 20000531
 OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND
    PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
     SHINICHI
    YOSHINARI
               (JP)
                            EP 96932845 A3 19961008; JP 95261247 A
  Priority (No, Kind, Date):
    19951009; JP 968910 A 19960123; JP 96211304 A
 Applic (No, Kind, Date): EP 2000102968 A
                                             19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005027 Al 20000531
 OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND
    PROGRAM LICENSE SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
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(JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
             (JP)
 Priority (No, Kind, Date):
                            EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
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 Applic (No, Kind, Date): EP 2000102969 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005028 Al 20000531
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION
   SYSTEM AND PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
                           EP 96932845 A3 19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102971 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005033 A1 20000531
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000101774 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005034 Al 20000531
 AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
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 Applic (No, Kind, Date): EP 2000101775 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005035 A1 20000531
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                           (JP); TANAKA
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000104818 A 19960515
 Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
   IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006516 Al 20000607
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AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000105014 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006517 A1 20000607
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
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 Applic (No, Kind, Date): EP 2000106447 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1024478 Al 20000802
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
                           EP 96932845 A3 19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                     19960809
 Applic (No, Kind, Date): EP 2000102970 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119 Language of Document: English
Patent (No, Kind, Date): EP 1028422 Al 20000816
 AN OPTICAL DISK, AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO
                                      (JP); KOISHI KENJI (JP); OSHIMA
   MITSUAKI (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000109898 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1028423 A1 20000816
 AN OPTICAL DISK, AN OPTICAL BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTORING AN OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor):
                      GOTOH YOSHIHO
                                      (JP); KOISHI KENJI (JP); OSHIMA
   MITSUAKI (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000109899 A
                                           19960515
 Designated States: (National) DE; FR; GB
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IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1030297 Al 20000823
 AN OPTICAL DISK AND AN OPTICAL DISK RECORDING METHOD (English; French;
    German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                              (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
    19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000110461 A
                                              19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1031974 A1 20000830
 AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000112310 A
                                              19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No,Kind,Date): EP 1049334 Al 20001102
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JI 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A
                                  19910327; JP 9195813 A 19910425; JP
    19920317
 Applic (No, Kind, Date): EP 2000114691 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04L-027/34; H04N-007/04
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 1168328 Al 20020102
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION
    SYSTEM AND PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
     SHINICHI
                (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI
              (JP)
 Priority (No, Kind, Date): EP 2000102970 A3 19961008; EP 96932845 A3
       19961008; JP 95261247 A 19951009; JP 968910 A
                                                             19960123; JP
    96211304 A
                  19960809
 Applic (No, Kind, Date): EP 2001120681 A
  Designated States: (National) DE; FR; GB
  IPC: * G11B-020/00; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 506400 A2 19920930
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)
 Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
     19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
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9260739 A
               19920317
 Applic (No, Kind, Date): EP 92302627 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/13; H04N-007/04
 Derwent WPI Acc No: ; G 92-325674
 Language of Document: English
Patent (No, Kind, Date): EP 555031 A2 19930811
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                                         Α
 Priority (No, Kind, Date): JP 9213809
                                              19920129; JP 9242558 A
                            Α
    19920228; JP 9250328
                                 19920309; JP 9268031 A 19920326; JP
    92111176
              Α
                  19920430; JP 92194450 A 19920722; JP 92280874 A
   19920925
 Applic (No, Kind, Date): EP 93300695 A
                                        19930129
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-013/04
 Derwent WPI Acc No: ; G 93-251292
 Language of Document: English
Patent (No, Kind, Date): EP 564187 A2 19931006
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                         (JP); TANAKA MICHIRO
   SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU (JP)
 Priority (No, Kind, Date): JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925; JP
    92282666
               Α
                    19921021; JP 92331300 A 19921211; JP 938596 A
   19930121
 Applic (No, Kind, Date): EP 93302365 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04
 Derwent WPI Acc No: ; G 93-313529
 Language of Document: English
Patent (No, Kind, Date): EP 589709 A2 19940330
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 92256070 A 19920925; JP 9366461 A
                            19930510
   19930325; JP 93132984 A
 Applic (No, Kind, Date): EP 93307575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18
 Derwent WPI Acc No: * G 93-305235
 Language of Document: English
Patent (No, Kind, Date): EP 608126 A2 19940727
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date):
                            JP 938596
                                              19930121; JP 9392219 A
                                        Α
    19930325; JP 93107423 A
                                 19930409; JP 93205682 A
                                                           19930727; JP
                 19931102; JP 93314114 A 19931119
    93297504 A
 Applic (No, Kind, Date): EP 94300403 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-023/44
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
     95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; C
     94-236841
 Language of Document: English
Patent (No, Kind, Date): EP 609013 A2 19940803
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
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TOSHIKAZU (JP); YOSHIURA TSUKASA
                                         (JP); MATSUURA TAKUMI (JP);
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No, Kind, Date): JP 938596 A
                                             19930121; JP 9392219 A
    19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
   93297504 A 19931102; JP 93314114 A 19931119
 Applic (No, Kind, Date): EP 94300402 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
   ; G11B-023/00; G11B-023/36
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; G
     94-242360
 Language of Document: English
Patent (No, Kind, Date): EP 609617 A2 19940810
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO
   MAKOTO (JP)
 Priority (No, Kind, Date): JP 938596 A 19930121; JP 93205682 A
   19930727; JP 92321063 A 19921201
 Applic (No, Kind, Date): EP 93309619 A 19931201
 Designated States: (National) BE; DE; FR; GB; NL
 IPC: * G06F-001/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 637016 A2 19950201
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93205682 A
                                             19930727; JP 94104879 A
    19940418; JP 94156089 A
                                19940707; JP 93297504 A
                                                          19931102; JP
   93314114 A
               19931119
 Applic (No, Kind, Date): EP 94305557 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
    ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G 01-018026; G 95-116722
 Language of Document: English
Patent (No, Kind, Date): EP 766478 A2 19970402
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 92302627 A3 19920326; JP 9162798 A
    19910327; JP 9195813 A
                                 19910425; JP 91155650 A 19910529; JP
    91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): EP 96119060 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 833319 A2 19980401
 DISC-SHAPED RECORDING MEDIUM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
               (JP); YOSHIURA TSUKASA
                                         (JP); MATSUURA TAKUMI (JP);
    TOSHIKAZU
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
                                          A3 19940119; JP 938596 A
  Priority (No, Kind, Date): EP 94300402
                           A 19930325; JP 93107423 A 19930409; JP
    19930121; JP 9392219
     93205682
                   19930727; JP 93297504 A 19931102; JP 93314114 A
 Applic (No, Kind, Date): EP 97118775 A
                                        19940119
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Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; G
     98-181451
 Language of Document: English
Patent (No, Kind, Date): EP 844611 A2 19980527
 OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                                  (JP);
   USHIGOME HISASHI (JP)
                           EP 94300403
 Priority (No, Kind, Date):
                                          A3 19940119; JP 938596 A
    19930121; JP 9392219 A
                                 19930325; JP 93107423 A 19930409; JP
    93205682
              A
                   19930727; JP 93297504 A 19931102; JP 93314114 A
   19931119
 Applic (No, Kind, Date): EP 98100524 A
                                        19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-020/00; G11B-013/04; G11B-007/007; G11B-007/24
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 844612 A2 19980527
 APPARATUS FOR REPRODUCING INFORMATION FROM AN OPTICAL DISC (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
        (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                                  (JP);
   USHIGOME HISASHI (JP)
                                           A3 19940119; JP 938596 A
 Priority (No, Kind, Date):
                            EP 94300403
                                 19930325; JP 93107423 A
    19930121; JP 9392219
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                                                           19930409; JP
                   19930727; JP 93297504 A 19931102; JP 93314114 A
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    93205682
   19931119
 Applic (No, Kind, Date): EP 98100525 A
                                         19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-020/00; G11B-013/04; G11B-007/24; G11B-007/007
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 1035693 A2 20000913
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                       19930510
 Applic (No, Kind, Date): EP 2000114572 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035694 A2 20000913
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
                            19930325; JP 93132984 A
   19920925; JP 9366461 A
                                                       19930510
 Applic (No, Kind, Date): EP 2000114573 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
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IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-005/44
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 01-063437
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035695 A2 20000913
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A
                            19930325; JP 93132984 A
                                                         19930510
 Applic (No, Kind, Date): EP 2000114575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 01-063438
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035696 A2 20000913
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A Applic (No, Kind, Date): EP 2000114577 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/34; H04L-027/26; H04L-027/18; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 01-063439
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035697 A2 20000913
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                         19930510
 Applic (No, Kind, Date): EP 2000114578 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/34; H04L-027/18; H04L-027/26; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 01-063440
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035698 A2 20000913
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
 Applic (No, Kind, Date): EP 2000114579 A 19930924
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Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/34; H04L-027/26; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
     01-063439; G 01-063440; G 01-063441; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039672 A2 20000927
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
                           19930325; JP 93132984 A
   19920925; JP 9366461 A
                                                       19930510
 Applic (No, Kind, Date): EP 2000114576 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 00-589072
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039673 A2 20000927
                  TRANSMISSION AND
                                               CORRECTION CODING WITH
 MULTIRESOLUTION
                                       ERROR
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                  (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                            EP 93302369 A3 19930326; JP 9267934 A
 Priority (No, Kind, Date):
                             19920925
   19920326; JP 92256070 A
 Applic (No, Kind, Date): EP 2000114689 A
                                          19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-589073
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039674 A2 20000927
 MULTIRESOLTION TRANSMISSION AND
                                      ERROR
                                              CORRECTION
                                                           CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114690 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
     00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-589074
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039675 A2 20000927
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MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114692 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-589075
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039676 A2 20000927
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                             19920925
 Applic (No, Kind, Date): EP 2000114694 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-589076
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039677 A2
                                       20000927
 MULTIRESOLUTION TRANSMISSION
                                 AND
                                        ERROR CORRECTION CODING,
   MULTICARRIER MODULATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                            EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114696 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-589077
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039678 A2 20000927
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
    (English: French: German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                      (JP)
 Priority (No, Kind, Date):
                             EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                              19920925
 Applic (No, Kind, Date): EP 2000114697 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
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Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-580985
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039679 A2 20000927
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
    ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                             19920925
 Applic (No, Kind, Date): EP 2000114698 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: *- H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
   G 01-063441; G 00-589078
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039680 A2
                                       20000927
 MULTIRESOLUTION TRANSMISSION AND
                                       ERROR
                                                CORRECTION CODING WITH
    MULTICARRIER MODULATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                             19920925
 Applic (No, Kind, Date): EP 2000114699 A
                                           19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; HO4N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
     00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
   G 01-063441; G 00-580986
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039681 A2
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 MUTLIRESOLUTION
                   TRANSMITION
                                 AND
                                       ERROR
                                               CORRECTION CODING,
                                                                    WITH
    MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                            EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114701 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/34
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
     00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
   G 01-063441; G 00-580987
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1039682 A2 20000927
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SINGALS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                              19920925
  Applic (No, Kind, Date): EP 2000114702 A
                                            19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
     00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 00-580988
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1045541 A2 20001018
  MULTIRESOLUTION
                   TRANSMISSION AND
                                        ERROR
                                                 CORRECTION CODING WITH
    MULTICARRIER SIGNALS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                    (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
  Applic (No, Kind, Date): EP 2000114700 A
                                            19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
   G 01-063441
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1049282 A2 20001102
  MULTIRESOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French;
    German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI
                                       (JP)
  Priority (No, Kind, Date):
                              EP 93307575 A3 19930924; JP 92256070 A
  19920925; JP 9366461 A 19930325; JP 93132984 Applic (No, Kind, Date): EP 2000114574 A 19930924
                              19930325; JP 93132984 A
                                                          19930510
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/34; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
       00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
   G 01-063439; G 01-063440; G 01-063441
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1049283 A2 20001102
  MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
    ; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                              19920925
  Applic (No, Kind, Date): EP 2000114693 A
                                              19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
     00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
    G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
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G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049284 A2 20001102
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
    ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114695 A
                                             19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
     00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1050879 A2 20001108
 RECORDING AND REPRODUCING APPARATUS WITH MEANS FOR ENCRYPTION OF
    INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 94305557 A3 19940727; JP 93205682 A 19930727; JP 94104879 A 19940418; JP 94156089 A 19940707;
                                                             19940707; JP
 93297504 A 19931102; JP 93314114 A 19931119
Applic (No, Kind, Date): EP 2000115017 A 19940727
 Applic (No, Kind, Date): EP 2000115017 A 19940727 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-020/00; G06F-001/00; G11B-007/00; G11B-013/04; G11B-019/02
    ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
     95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G 01-018026; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 1120777 A2 20010801
 OPTICAL DISK (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
                              EP 95938017 A3 19951116; JP 94283415 A
  Priority (No, Kind, Date):
                             19950202; JP 95261247 A
 19941117; JP 9516153 A 19950202; JP Applic (No, Kind, Date): EP 2001108949 A
                                                          19951009
                                              19951116
 Designated States: (National) DE; FR; GB
                G11B-007/00;
                              G11B-020/12;
                                                              G11B-020/00;
                                              G11B-027/10;
     G11B-007/007; G11B-007/26; G11B-019/02; G11B-019/12; G11B-011/105;
    G11B-023/28; G11B-013/04; G11B-027/30
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
    97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1154608 A2 20011114
 MULTIRESOLUTION RECEIVER (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                              EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2001118510 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/26
  Derwent WPI Acc No: ; G 02-050566
 Language of Document: English
Patent (No, Kind, Date): EP 506400 A3 19930526
  SIGNAL TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)
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A 19910327; JP 9195813 A
 Priority (No, Kind, Date): JP 9162798
    19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
   9260739 A
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 Applic (No, Kind, Date): EP 92302627 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * HO4N-007/13; HO4N-007/04
 Derwent WPI Acc No: * G 92-325674
 Language of Document: English
Patent (No, Kind, Date): EP 555031 A3 19951115
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9213809 A
                                             19920129; JP 9242558 A
    19920228; JP 9250328 A
                                19920309; JP 9268031 A 19920326; JP
             A 19920430; JP 92194450 A 19920722; JP 92280874 A
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 Applic (No, Kind, Date): EP 93300695 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-013/04
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: *
                           180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): EP 564187 A3 19951206
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                        (JP); TANAKA MICHIRO
   SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU
                                         (JP)
 Priority (No, Kind, Date): JP 938596
19920326; JP 92111176 A 1992043
                                              19930121; JP 9268031 A
                                         Α
                                19920430; JP 92194450 A
                                                           19920722; JP
                   19920925; JP 92282666 A 19921021; JP 92331300 A
    92280874 A
   19921211
 Applic (No, Kind, Date): EP 93302365 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G 94-242360; G 95-341616; G 96-062972; G 98-181451
 JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136;
    180618P000070
 Language of Document: English
Patent (No, Kind, Date): EP 589709 A3 19940928
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
                    MATSUSHITA ELECTRIC IND CO LTD (DE); MATSUSHITA
 Patent Assignee:
    ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                                            19930325; JP 93132984 A
  Priority (No, Kind, Date): JP 9366461 A
    19930510; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 93307575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
   G 01-063439; G 01-063440; G 01-063441
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 608126 A3 19951129
  INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English;
    French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                         (JP); KOMODA HIDEAKI
                       OSHIMA MITSUAKI
                                                                   (JP);
  Author (Inventor):
    USHIGOME HISASHI (JP)
  Priority (No, Kind, Date): JP 938596
                                        Α
                                              19930121; JP 9392219 A
     19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
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93297504 A 19931102; JP 93314114 A 19931119
 Applic (No, Kind, Date): EP 94300403 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-023/44
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 609013 A3 19951129
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
    TOSHIKAZU
                (JP); YOSHIURA TSUKASA
                                           (JP); MATSUURA TAKUMI (JP);
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
                19931102; JP 93314114 A 19931119
   93297504 A
 Applic (No, Kind, Date): EP 94300402 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
   ; G11B-023/00; G11B-023/36
 Derwent WPI Acc No: * C
                                94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 609617 A3 19961211
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO
   MAKOTO (JP)
   iority (No, Kind, Date): JP 938596
19930727; JP 92321063 A 19921201
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                                               19930121; JP 93205682 A
 Priority
 Applic (No, Kind, Date): EP 93309619 A
                                           19931201
 Designated States: (National) BE; DE; FR; GB; NL
 IPC: * G06F-001/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 637016 A3 19950830
RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                             JP 93205682 A
                                               19930727; JP 94104879 A
     19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP
    93314114 A
                  19931119
 Applic (No, Kind, Date): EP 94305557 A
                                         19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
    ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
      01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 766478 A3 20000119
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP) .
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 92302627 A3 19920326; JP 9162798 A
                                  19910425; JP 91155650 A 19910529; JP
     19910327; JP 9195813
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                 19910723; JP 9260739 A 19920317
    91182236 A
 Applic (No, Kind, Date): EP 96119060 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731
  JAPIO Reference No: * 180152E000002
 Language of Document: English
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Patent (No, Kind, Date): EP 833319 A3 20020403
 DISC-SHAPED RECORDING MEDIUM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
    TOSHIKAZU
                (JP); YOSHIURA TSUKASA
                                          (JP); MATSUURA TAKUMI
   TANAKA MITIRO (JP); TAN SATOSHI
                                    (JP)
 Priority (No, Kind, Date): EP 94300402
                                          A3 19940119; JP 938596 A
    19930121; JP 9392219
                           Α
                                19930325; JP 93107423 A 19930409; JP
                   19930727; JP 93297504 A
                                           19931102; JP 93314114 A
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   19931119
 Applic (No, Kind, Date): EP 97118775 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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 IPC: * G11B-013/04; G11B-020/12
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 1035693 A3 20001206
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A
                           19930325; JP 93132984 A
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 Applic (No, Kind, Date): EP 2000114572 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035694 A3 20001206
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
           (No, Kind, Date):
                            EP 93307575 A3 19930924; JP 92256070 A
 Priority
 19920925; JP 9366461 A 19930325; JP 93132984 Applic (No, Kind, Date): EP 2000114573 A 19930924
                             19930325; JP 93132984 A
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035695 A3 20001206
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                            EP 93307575 A3 19930924; JP 92256070 A
                            19930325; JP 93132984 A
    19920925; JP 9366461 A
 Applic (No, Kind, Date): EP 2000114575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035696 A3 20001206
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A
                           19930325; JP 93132984 A
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 Applic (No, Kind, Date): EP 2000114577 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035697 A3 20001206
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                            EP 93307575 A3 19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A Applic (No, Kind, Date): EP 2000114578 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035698 A3 20001206
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                            EP 93307575 A3 19930924; JP 92256070 A
 Priority (No, Kind, Date):
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                       19930510
 Applic (No, Kind, Date): EP 2000114579 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039672 A3 20001206
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
                             19930325; JP 93132984 A
   19920925; JP 9366461 A
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 Applic (No, Kind, Date): EP 2000114576 A 19930924
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Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039673 A3 20001206
                                AND
 MULTIRESOLUTION
                  TRANSMISSION
                                       ERROR
                                               CORRECTION CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                  (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                            EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                             19920925
 Applic (No, Kind, Date): EP 2000114689 A
                                          19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document:
                       English
Patent (No, Kind, Date): EP 1039674 A3
                                       20001206
                  TRANSMISSION AND
                                              CORRECTION
                                                           CODING WITH
 MULTIRESOLTION
                                       ERROR
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
                                     (JP)
           (No, Kind, Date):
                             EP 93302369 A3 19930326; JP 9267934 A
 Priority
   19920326; JP 92256070 A
                             19920925
 Applic (No, Kind, Date): EP 2000114690 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039675 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
    ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                             EP 93302369 A3 19930326; JP 9267934 A
 Priority (No, Kind, Date):
                             19920925
   19920326; JP 92256070 A
 Applic (No, Kind, Date): EP 2000114692 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: English
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Patent (No, Kind, Date): EP 1039676 A3 20001206
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114694 A
                                            19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
     01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039677 A3 20001206
 MULTIRESOLUTION
                  TRANSMISSION AND
                                       ERROR CORRECTION CODING,
                                                                   WITH
   MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114696 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039678 A3 20001206
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                     (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                             19920925
 Applic (No, Kind, Date): EP 2000114697 A
                                            19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039679 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
    ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                             EP 93302369 A3 19930326; JP 9267934 A
                             19920925
   19920326; JP 92256070 A
 Applic (No, Kind, Date): EP 2000114698 A
                                          19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
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; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039680 A3 20001206
 MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
   MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114699 A
                                            19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039681 A3 20001206
 MUTLIRESOLUTION
                   TRANSMITION
                                 AND
                                        ERROR
                                                CORRECTION CODING,
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                   (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114701 A
                                            19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
  JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No, Kind, Date): EP 1039682 A3 20001206
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SINGALS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                              19920925
  Applic (No, Kind, Date): EP 2000114702 A
                                             19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
     00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1045541 A3
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                                                 CORRECTION CODING WITH
 MULTIRESOLUTION
                   TRANSMISSION
                                  AND
                                         ERROR
   MULTICARRIER SIGNALS (English; French; German)
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114700 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049282 A3 20001206
 MULTIRESOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French;
   German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 Applic (No, Kind, Date): EP 2000114574 A 19930924
                             19930325; JP 93132984 A
                                                       19930510
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
      00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049283 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114693 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049284 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
                                     (JP)
 Priority (No, Kind, Date):
                             EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                             19920925
 Applic (No, Kind, Date): EP 2000114695 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
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00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1120777 A3 20011010
 OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): EP 95938017 A3 19951116; JP 94283415 A
   19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No, Kind, Date): EP 2001108949 A 19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-020/00; G06F-001/00; G11B-007/00; G11B-027/30; G11B-023/28
    ; G11B-013/04; G11B-011/105; G11B-019/02; G11B-019/12; G11B-007/007;
   G11B-007/26; G11B-020/12; G11B-027/10
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 689200 A4 19960529
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
   REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): WO 94JP2304 W 19941228; JP 93335165 A
                           A 19940120; JP 94104879 A 19940418; JP
    19931228; JP 9422191
   94156089 A
               19940707; JP 94299508 A 19941202
 Applic (No, Kind, Date): EP 95904033 A 19941228
 Designated States: (National) DE; FR; GB; IT
   C: * G11B-007/007; G11B-020/12; G11B-013/04; G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
                                                          G11B-007/00;
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 706174 A4 19970702
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
    INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): WO 95JP760 W 19950418; JP 94104879 A
    19940418; JP 94283415 A
                                 19941117; JP 94327963 A 19941228; JP
              19950201; JP 9516865 A 19950203
   9515318 A
 Applic (No, Kind, Date): EP 95915345 A
                                          19950418
 Designated States: (National) DE; FR; GB; NL
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
    ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 741382 A4 19970702
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
   OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
   PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): WO 95JP2339 W
                                              19951116; JP 94283415 A
   19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No, Kind, Date): EP 95938017 A 19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 802527 A4 19971210
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
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COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): WO 96JP2924 W
                                            19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 96932845 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 807929 A4 19971210
 Priority (No, Kind, Date): WO 96JP1303 W
                                            19960515; JP 95261247 A
   19951009; JP 968910 A
                            19960123
 Applic (No, Kind, Date): EP 96915172 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English; French; German
Patent (No, Kind, Date): EP 506400 B1 19971217
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9162798 A
                                             19910327; JP 9195813 A
    19910425; JP 91155650 A
                                 19910529; JP 91182236 A 19910723; JP
    9260739 A
                19920317
 Applic (No, Kind, Date): EP 92302627 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 589709 B1 20010829
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                            JP 9366461 A
                                             19930325; JP 93132984 A
   19930510; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 93307575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/18
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 637016 B1 20010307
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93205682 A
                                            19930727; JP 94104879 A
    19940418; JP 94156089 A 19940707; JP 93297504 A
                                                          19931102; JP
    93314114 A 19931119
 Applic (No, Kind, Date): EP 94305557 A
                                        19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
    ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
     01-018026
 Language of Document: English
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Patent (No, Kind, Date): EP 741382 B1 20011010
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
    OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
    PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Author (Inventor).

Priority (No, Kind, Date): WO 95JP2339 W 19951110, 02 19951117. JP 9516153 A 19950202; JP 95261247 A 19951009
                                               19951116; JP 94283415 A
 19941117; JP 9516153 A 19950202; JP 95261247
Applic (No, Kind, Date): EP 95938017 A 19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
    ; G11B-007/09; G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
    97-236119
  Language of Document: English
Patent (No, Kind, Date): EP 766478 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529;
                                  19910425; JP 91155650 A 19910529; JP
                  19910723; JP 9260739 A
                                            19920317
 Applic (No, Kind, Date): EP 96119060 A
                                           19920326
 Designated States: (National) DE; FR; GB; NL
  IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
  Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731
  JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 802527 B1 20010829
 RECORDER FOR OPTICAL DISKS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
     SHINICHI
    YOSHINARI
              (JP)
                            WO 96JP2924 W
                                               19961008; JP 95261247 A
  Priority (No, Kind, Date):
    19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 96932845 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 807929 B1 20010228
 OPTICAL DISK PROVIDED WITH BAR CODE (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                             (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): WO 96JP1303 W
                                              19960515; JP 95261247 A
    19951009; JP 968910 A
                             19960123
 Applic (No, Kind, Date): EP 96915172 A
 Designated States: (National) DE; FR; GB
                                              G06K-019/00;
  IPC:
               G11B-007/007;
                               G11B-007/24;
                                                             G11B-020/10;
    G11B-020/00; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 975168 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
     19920326; JP 9162798
                             A 19910327; JP 9195813 A 19910425; JP
                    19910529; JP 91182236 A 19910723; JP 9260739 A
              Α
     91155650
    19920317
 Applic (No, Kind, Date): EP 99119266 A
                                          19920326
  Designated States: (National) DE; FR; GB; NL
  IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
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Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975171 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JR
    19920326; JP 9162798
                                  19910327; JP 9195813 A 19910425; JP
    91155650
              Α
                    19910529; JP 91182236 A 19910723; JP 9260739 A
   19920317
 Applic (No, Kind, Date): EP 99121008 A
                                          19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975172 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JR
    19920326; JP 9162798
91155650 A 1991052
                                 19910327; JP 9195813 A 19910425; JP
                    19910529; JP 91182236 A 19910723; JP 9260739 A
   19920317
 Applic (No, Kind, Date): EP 99121024 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
  JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975173 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
     19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                    19910529; JP 91182236 A 19910723; JP 9260739 A
     91155650
               Α
   19920317
 Applic (No, Kind, Date): EP 99121025 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * HO4N-007/24; HO4N-007/04; HO4N-007/08; HO4N-007/12; HO4L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
  JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 1003162 B1 20001102
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
    French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                            (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
    19951009; JP 968910 A
                            19960123
  Applic (No, Kind, Date): EP 2000103257 A
                                             19960515
  Designated States: (National) DE; FR; GB
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: English
Patent (No, Kind, Date): EP 1005024 B1 20010530
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DEVICE
                                       THE REPRODUCTION OF ENCRYPTED
 OPTICAL
           REPRODUCING
                                 FOR
   INFORMATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
             (JP)
   YOSHINARI
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
    19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 2000102966 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005025 B1 20020102
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
              (JP)
   YOSHINARI
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102967 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119 Language of Document: English
Patent (No, Kind, Date): EP 1005026 B1 20010523
 OPTICAL RECORDER (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
                            EP 96932845 A3 19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102968 A
                                            19961008
 Designated States: (National) DE; FR; GB
  IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English
Patent (No, Kind, Date): EP 1005027 B1 20010523
  OPTICAL RECORDER (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
     SHINICHI
    YOSHINARI
             (JP)
                            EP 96932845 A3 19961008; JP 95261247 A
 Priority (No, Kind, Date):
    19951009; JP 968910 A 19960123; JP 96211304 A
                                                       19960809
  Applic (No, Kind, Date): EP 2000102969 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
    ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005033 B1 20010919
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
    French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                           (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
                            EP 96915172 A3 19960515; JP 95261247 A
  Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000101774 A
 Designated States: (National) DE; FR; GB
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
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; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005034 B1 20001102
 AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000101775 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005035 B1 20001102
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                            19960123
 Applic (No, Kind, Date): EP 2000104818 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006516 B1 20011121
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                            19960123
 Applic (No, Kind, Date): EP 2000105014 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006517 B1 20011128
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000106447 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1031974 B1 20010816
 AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date):
                           EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000112310 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
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; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1039675 B1 20020306
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
    ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114692 A
                                           19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
     00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
   G
  G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039680 B1
                                       20020306
 MULTIRESOLUTION TRANSMISSION AND
                                       ERROR
                                                CORRECTION CODING WITH
    MULTICARRIER MODULATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                             19920925
 Applic (No, Kind, Date): EP 2000114699 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
     00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
   G 01-063441
  JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No, Kind, Date): EP 1039682 B1 20020306
  MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
                             19920925
    19920326; JP 92256070 A
  Applic (No, Kind, Date): EP 2000114702 A 19930326
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
    ; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
     00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
    G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
   G 01-063441
  JAPIO Reference No: * 180486E000144
  Language of Document: English
Patent (No, Kind, Date): EP 1045541 B1
                                       20020306
                                 AND
                                        ERROR
                                                CORRECTION CODING WITH
  MULTIRESOLUTION
                    TRANSMISSION
    MULTICARRIER SIGNALS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OSHIMA MITSUAKI
                                      (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
    19920326; JP 92256070 A
                             19920925
  Applic (No, Kind, Date): EP 2000114700 A 19930326
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Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
     IT; LI; LU; MC; NL; PT; SE
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     ; HO4N-007/24
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    G 01-063441
   JAPIO Reference No: * 180486E000144
   Language of Document: English
  Patent (No, Kind, Date): EP 1049284 B1 20020306
   MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
     ; German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
   Applic (No, Kind, Date): EP 2000114695 A 19930326
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   IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
     ; H04N-007/24
   Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
    G 01-063441
   JAPIO Reference No: * 180486E000144
   Language of Document: English
EUROPEAN PATENT OFFICE (EP)
 Legal Status (No, Type, Date, Code, Text):
                   P 19910327 EP AA PRIORITY (PATENT
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                             JP 9162798 A
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                             JP 9195813 A
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                             JP 91155650 A
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                             JP 91182236 A
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   EP 506400
                       19920317 EP AA
                                              PRIORITY (PATENT
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                                           19920317
                             JP 9260739 A
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                       19920326 EP AE
                                             EP-APPLICATION
                              (EUROPAEISCHE ANMELDUNG)
                             EP 92302627 A
                                             19920326
   EP 506400 P
                       19920930 EP AK
                                              DESIGNATED CONTRACTING
                             STATES IN AN APPLICATION WITHOUT SEARCH
                             REPORT (IN EINER ANMELDUNG OHNE
                             RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
                             DE FR GB NL
                                              PUBLICATION OF APPLICATION
                       19920930 EP A2
   EP 506400
                             WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
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EP	506400	P	19940112 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 931117
EP	506400	P	19960110 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP	506400	P	951127 19970402 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	506400	P	EP 766478 P 19971217 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
			DE FR GB NL
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EP	506400	P	19980129 EP REF CORRESPONDS TO:
			(ENTSPRICHT)
FD	506400	P	DE 69223541 P 19980129 19980320 EP ET FR: TRANSLATION FILED (FR:
	300400		TRADUCTION A ETE REMISE)
EP	506400	Р	19981209 EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP	506400	P	20000119 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	506400	P	EP 973335 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	506400	P	EP 975168 P 20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 975169 P
EP	506400	Р	20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975170 P
EP	506400	P	20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
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EP	506400	Р	20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P
EP	506400	P	20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 975173 P
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EP	506400	P	EP 1049334 P 20020327 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	506400	P	EP 766478 P 20020327 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	506400	P	EP 975168 P
EP	506400	P	EP 975171 P

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	EP 975172 P	
EP 506400	P 20020327 EP AH DIVISIONAL APPLICATION 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P	(ART.
EP 555031		NG))
EP 555031	JP 9213809 A 19920129 P 19920228 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDU	NG))
EP 555031	JP 9242558 A 19920228 P 19920309 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDU JP 9250328 A 19920309	NG))
EP 555031	P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDU	NG))
EP 555031	JP 9268031 A 19920326 P 19920430 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDU	NG))
EP 555031	JP 92111176 A 19920430 P 19920722 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDU	NG))
EP 555031	JP 92194450 A 19920722 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDU	NG))
EP 555031	JP 92280874 A 19920925 P 19930129 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93300695 A 19930129	
EP 555031	P 19930811 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAAT	EN)
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EP 555031	PT SE P 19930811 EP A2 PUBLICATION OF APPLICAT WITHOUT SEARCH REPORT (VEROEFFENTLICHUN	
EP 555031	ANMELDUNG OHNE RECHERCHENBERICHT) P 19930811 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930206	
EP 555031		EN)
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EP 555031	SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS	
EP 555031	(ART. 93)) P 19970402 EP 17Q FIRST EXAMINATION REPOR (ERSTER PRUEFUNGSBESCHEID)	Т
EP 555031	970214 P 19981223 EP 18D DEEMED TO BE WITHDRAWN ZURUECKGENOMMEN GELTEN) 980626	(ALS
EP 562875	P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDU	NG))

JP 9267934 A 19920326

76) IN: (TEILANMELDUNG (ART. 76) IN:)

EP 562875	P	19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 562875	P	JP 92256070 A 19920925 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93302369 A 19930326
EP 562875	Р	19930929 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
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EP 562875	Р	930403 19960417 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 960306
EP 562875	Р	20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 562875	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
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EP 562875	Р	EP 2000114693 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 562875	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
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EP 562875	P	EP 2000114700 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART.

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                   20001018 EP AH
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1039676 EP 2000114694 A 20000708 20010926 EP RAHF DIVISIONAL APPLICATION (ART EP 562875 P 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1049284 EP 2000114695 A 20000708 20010926 EP RAHF DIVISIONAL APPLICATION (ART P EP 562875 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1039677 EP 2000114696 A 20000708 20010926 EP RAHF DIVISIONAL APPLICATION (ART EP 562875 P 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1039678 EP 2000114697 A 20000708 20010926 EP RAHF DIVISIONAL APPLICATION (ART - EP 562875 P 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1039679 EP 2000114698 A 20000708 20010926 EP RAHF DIVISIONAL APPLICATION (ART EP 562875 Ρ 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1039680 EP 2000114699 A 20000708 20010926 EP RAHF DIVISIONAL APPLICATION (ART EP 562875 P 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1045541 EP 2000114700 A 20000708 20010926 EP RAHF DIVISIONAL APPLICATION (ART EP 562875 Ρ 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1039681 EP 2000114701 A 20000708 20010926 EP RAHF DIVISIONAL APPLICATION (ART EP 562875 P 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1039682 EP 2000114702 A 20000708 20010926 EP RAHF DIVISIONAL APPLICATION (ART EP 562875 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2001118510 A 20010801 20011114 EP AH DIVISIONAL APPLICATION (ART. EP 562875 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1154608 P 20020306 EP AH DIVISIONAL APPLICATION (ART. EP 562875 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1039675 P 20020306 EP AH DIVISIONAL APPLICATION (ART. EP 562875 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1039680 P DIVISIONAL APPLICATION (ART. EP 562875 20020306 EP AH 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1039682 P 20020306 EP AH DIVISIONAL APPLICATION (ART. EP 562875 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1045541 P EP 562875 P 20020306 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1049284 P PRIORITY (PATENT EP 564187 P 19920326 EP AA APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP	564187	Р	199204	30 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	564187	P		JP 92111176 A 19920430 22 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92194450 A 19920722
EP	564187	P	199209	O25 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	564187	P		JP 92280874 A 19920925 21 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	564187	Р		JP 92282666 A 19921021 211 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	564187	P		JP 92331300 A 19921211 21 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	564187	P	199303	JP 938596 A 19930121 26 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93302365 A 19930326
EP	564187	P	199310	006 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP	564187	P	199310	PT SE 006 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP	564187	P	199310	7006 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930403
EP	564187	P	199512	206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
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EP	564187	P	199704	102 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 970214
EP	564187	P	199802	225 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 970826
EP	589709	P	199209	970826 925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	589709	P	199303	JP 92256070 A 19920925 325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ΕP	589709	Р	199305	JP 9366461 A 19930325 510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ΕP	589709	P	199309	JP 93132984 A 19930510 224 EP AE EP-APPLICATION

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EP 589709	Р	(EUROPAEISCHE ANMELDUNG) EP 93307575 A 19930924 19940330 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 589709	Р	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 589709	P	FILED (PRUEFUNGSANTRAG GESTELLT)
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EP 589709	P	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 19940928 EP A3 SEPARATE PUBLICATION OF THE
EP 589709	D	SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93)) 19970102 EP 17Q FIRST EXAMINATION REPORT (
EP 589709		ERSTER PRUEFUNGSBESCHEID) 961115
EI 303703	ľ	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114572 A 20000707
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EP 589709	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	Р	EP 2000114577 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	P	EP 2000114579 A 20000707 20000913 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035693 P
EP 589709	Р	
EP 589709	Р	

EP	589709	P	EP 1035695 P 20000913 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	589709	P	EP 1035696 P 20000913 EP AH DIVISIONAL APPLICATION (ART.
	303703	•	76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035697 P
EP	589709	P	20000913 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	589709	P	EP 1035698 P 20000927 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	589709	P	EP 1039672 P 20001102 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	589709	P	EP 1049282 P 20010829 EP AHF DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:) 1035693 EP 2000114572 A 20000707
EP	589709	P	20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	589709	P	1035694 EP 2000114573 A 20000707 20010829 EP AHF DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:) 1049282 EP 2000114574 A 20000707
EP	589709	P	20010829 EP AHF . DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
ΕP	589709	P	1035695 EP 2000114575 A 20000707 20010829 EP AHF DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:) 1039672 EP 2000114576 A 20000707
ΕP	589709	P	20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
E D	500700	D	1035696 EP 2000114577 A 20000707 20010829 EP AHF DIVISIONAL APPLICATION (ART.
ΕF	369709	Г	76) IN: (TEILANMELDUNG (ART. 76) IN:) 1035697
EP	589709	P	EP 2000114578 A 20000707 20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1035698 EP 2000114579 A 20000707
EP	589709	P	20010829 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
			VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	589709	P	20010829 EP B1 PATENT SPECIFICATION
EP	589709	P	(PATENTSCHRIFT) 20010829 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
EP	589709	P	AT 205032 R 20010915 20010829 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
EP	589709	P	7H 04L 1/00 A, 7H 04L 27/18 B 20010831 CH EP/REG ENTRY IN THE NATIONAL PHASE
EP	589709	P	(EINTRITT IN DIE NATIONALE PHASE) 20011003 IE FG4D/REG EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
EP	589709	P	20011004 EP REF CORRESPONDS TO: (ENTSPRICHT)

	500700	_	DE 69330665 P 20011004
EP	589709	P	20020125 EP EN FR: TRANSLATION NOT FILED (FR: TRADUCTION N'A PAS ETE REMISE) 20020201 EP NLV1 NL: LAPSED OR ANNULED DUE TO
EP	589709	Р	FAILURE TO FULFILL THE REQUIREMENTS OF ART.
			29P AND 29M OF THE PATENTS ACT; NO LEGAL EFFECT FROM THE DATE OF (NL: WIRKUNG IN NL
			NICHT EINGETRETEN (ART. 29P UND 29M NL PATG.))
			20020228 CH PL/REG PATENT CEASED
EP	608126	P	(LOESCHUNG/RADIATION/RADIAZION) 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	608126	Р	JP 938596 A 19930121 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ΕP	608126	P	JP 9392219 A 19930325 19930409 EP AA PRIORITY (PATENT
			APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 93107423 A 19930409
EP	608126	P	19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93205682 A 19930727
EP	608126	P	19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	608126	P	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT
			APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ΕP	608126	P	JP 93314114 A 19931119 19940119 EP AE EP-APPLICATION
			(EUROPAEISCHE ANMELDUNG) EP 94300403 A 19940119
EP	608126	P	19940727 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH
			REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
FD	608126	D	PT SE 19940727 EP A2 PUBLICATION OF APPLICATION
ы	000120	L	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP	608126	P	19940727 EP 17P REQUEST FOR EXAMINATION
			FILED (PRUEFUNGSANTRAG GESTELLT) 940127
EP	608126	Р	STATES IN A SEARCH REPORT: (IN EINEM
			RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	608126	P	19951129 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE
			VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP	608126	P	19970903 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
Ē D	608126	Þ	970722 19980527 EP AH DIVISIONAL APPLICATION (ART.
ŭΕ	000120	-	76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 844611 P
EP	608126	P	19980527 EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:)

EP 6	08126	P 1998	EP 844612 P 80729 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN)
EP 6	09013	P 1993	980203 30121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 6	09013	P 1993	JP 938596 A 19930121 30325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 6	09013	P 1993	JP 9392219 A 19930325 30409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 6	09013	P 1993	JP 93107423 A 19930409 30727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 6	09013	P 1993	JP 93205682 A 19930727 31102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 6	09013	P 1993	JP 93297504 A 19931102 31119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 6	09013	P 1994	JP 93314114 A 19931119 40119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 6	09013	P 1994	EP 94300402 A 19940119 40803 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 6	09013	P 1994	40803 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 6	09013	P 1994	40803 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 940127
EP 6	09013	P 1995	51129 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 6	09013	P 199!	51129 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 6	09013	P 199	70903 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 970722
EP 6	09013	P 1998	970722 80401 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 833319 P
EP 6	09013	P 1998	81223 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 980626
EP 6	09617	P 1992	21201 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 6	09617	P 1993	JP 92321063 A 19921201 30121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 6096	17 P	JP 938596 A 19930121 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 6096	17 P	(EUROPAEISCHE ANMELDUNG)
EP 6096	17 P	EP 93309619 A 19931201 19940810 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		,
EP 6096	17 P	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 6096	17 P	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 6096	17 P	931214 19961211 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 6096	17 P	SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 6096	17 P	(ART. 93)) 19971203 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 970612
EP 6175	31 P	19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 6175	31 P	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 6175	31 P	JP 93132984 A 19930510 19930924 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 6175	31 P	JP 93261612 A 19930924 19940324 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 6175	31 P	EP 94302149 A 19940324 19940928 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
		PT SE
EP 6175	31 P	19940928 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 6175	31 P	
EP 6175	31 P	19970102 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 6175	31 P	961115 19971217 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN)
EP 6370	16 P	970527 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

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EP	637016	Р	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	637016	Р	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	637016	Р	JP 93314114 A 19931119 19940418 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	637016	P	JP 94104879 A 19940418 19940707 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	637016	Р	JP 94156089 A 19940707 19940727 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 94305557 A 19940727
EP	637016	P	
EP	637016	Р	BE CH DE FR GB IT LI NL
EP	637016	P	ANMELDUNG OHNE RECHERCHENBERICHT) 19950201 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP	637016	P	940805
EP	637016	Р	BE CH DE FR GB IT LI NL 19950830 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP	637016	P	(ART. 93)) 19980408 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 980220
EP	637016	P	20000913 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000115017 A 20000724
EP	637016	P	2000113017 A 20000724 20001108 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1050879 P
EP	637016	P	20010307 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1050879
EP	637016	P	EP 2000115017 A 20000724 20010307 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
EP	637016	P	BE CH DE FR GB IT LI NL 20010307 EP B1 PATENT SPECIFICATION (PATENTSCHPIET)
EP	637016	P	(PATENTSCHRIFT) 20010315 CH EP/REG ENTRY IN THE NATIONAL PHASE
EP	637016	P	(EINTRITT IN DIE NATIONALE PHASE) 20010315 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP	637016	P	20010412 EP REF CORRESPONDS TO:

EP	637016	Р	(ENTSPRICHT) DE 69426795 P 20010412 20010525 EP ITF IT: TRANSLATION FOR A EP PATENT FILED (IT: DEPOSITO TRADUZIONE DI BREVETTO EUROPEO)
EP	637016	P	SOCIETA' ITALIANA BREVETTI S.P.A. 20010615 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP	637016	P	20020227 EP 26N NO OPPOSITION FILED (KEIN
EP	689200	P	EINSPRUCH EINGELEGT) 19931228 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ΕP	689200	P	JP 93335165 A 19931228 19940120 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	689200	Р	JP 9422191 A 19940120 19940418 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	689200	P	JP 94104879 A 19940418 19940707 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	689200	P	JP 94156089 A 19940707 19941202 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	689200	P	JP 94299508 A 19941202 19941228 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
EP	689200	P	WO 94JP2304 W 19941228 19941228 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 95904033 A 19941228
EP	689200	P	
EP	689200	Р	DE FR GB IT 19951227 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP	689200	Р	ANMELDUNG MIT RECHERCHENBERICHT) 19960207 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP	689200	Р	951213 19960529 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP	689200	Р	DE FR GB IT 19960529 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
EP	689200	P	19960605 EP K1C1 CORRECTION OF PATENT APPLICATION (TITLE PAGE) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (TITELSEITE) ERSCHIENEN) 951227
EP	689200	P	19960605 EP RAP1 APPLICANT (CORRECTION) (ANMELDER (KORR.)) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
EP	689200	P	19990120 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 981204
EP	706174	P	19940418 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 706174	JP 94104879 A 19940418 P 19941117 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	JP 94283415 A 19941117 P 19941228 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	JP 94327963 A 19941228 P 19950201 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	JP 9515318 A 19950201 P 19950203 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	JP 9516865 A 19950203 P 19950418 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
EP 706174	WO 95JP760 W 19950418 P 19950418 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 95915345 A 19950418
EP 706174	
EP 706174	DE FR GB NL P 19960410 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 706174	P 19960410 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 706174	951114 P 19970702 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 706174	DE FR GB NL P 19970702 EP A4 SUPPLEMENTARY SEARCH REPORT
EP 706174	(ERGAENZENDER RECHERCHENBERICHT) P 19991215 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 741382	19991027 P 19941117 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 741382	JP 94283415 A 19941117 P 19950202 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 741382	JP 9516153 A 19950202 P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 741382	JP 95261247 A 19951009 P 19951116 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
EP 741382	WO 95JP2339 W 19951116 P 19951116 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 741382	EP 95938017 A 19951116

EP 741382	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 741382	ANMELDUNG MIT RECHERCHENBERICHT) P 19970108 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 741382	961112 P 19970702 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 741382	
EP 741382	(ERGAENZENDER RECHERCHENBERICHT) P 19990922 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 741382	19990804
EP 741382	TO IN. (NORK.)) EP 2001108949 A 20010410 P 20010801 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1120777 P
EP 741382	P 20011010 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1120777
EP 741382	EP 2001108949 A 20010410 P 20011010 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
EP 741382	DE FR GB P 20011010 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 741382	P 20011115 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 741382	DE 69523139 P 20011115 P 20020308 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 766478	
EP 766478	JP 9162798 A 19910327 P 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 766478	JP 9195813 A 19910425 P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 766478	JP 91155650 A 19910529 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 766478	JP 91182236 A 19910723 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 766478	JP 9260739 A 19920317 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326
EP 766478	P 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 766478	EP 96119060 A 19920326 P 19970402 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)

EP 766478	P 199	EP 506400 P 070402 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 766478	P 199	DE FR GB NL 070402 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 766478	P 199	ANMELDUNG OHNE RECHERCHENBERICHT) 91124 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 766478	P 199	EP 99119266 A 19990928 991124 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 766478	P 199	EP 99119278 A 19990928 P91215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 766478	P 199	EP 99119266 A 19990928 91215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 766478	P 199	EP 99119278 A 19990928 991215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 766478	P 199	EP 99121006 A 19991021 091215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 766478	P 199	EP 99121007 A 19991021 991215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 766478	P 199	EP 99121008 A 19991021 091215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 766478	P 199	EP 99121024 A 19991021 091215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 766478	P 199	EP 99121025 A 19991021 P91215 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 766478	P 200	EP 99121026 A 19991021 000119 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 973335 P
EP 766478	P 200	000119 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 766478	P 200	DE FR GB NL 00119 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 766478	P 200	(ART. 93)) 00126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 766478	P 200	EP 975168 P 000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975169 P

EP 766478	Р	76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 766478	Р	EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
	_	EP 975171 P
EP 766478	P	20000126 EP AH DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 975172 P
EP 766478	P	20000126 EP AH DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 975173 P
EP 766478	P	20000126 EP AH DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		FD 975174 D
EP 766478	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		975168
		EP 99119266 A 19990928
ED 766470	D	20000830 EP RAHF DIVISIONAL APPLICATION (ART
EF /004/0	F	
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		973335
	_	EP 99119278 A 19990928
EP 766478	Р	20000830 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		975169
		EP 99121006 A 19991021
EP 766478	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		975170
		EP 99121007 A 19991021 20000830 EP RAHF DIVISIONAL APPLICATION (ART
EP 766478	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		975171
		EP 99121008 A 19991021
EP 766478	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		975172
		EP 99121024 A 19991021
EP 766478	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART
BL 700170	-	76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		975173
		EP 99121025 A 19991021
DD 766470	D	
EP /664/8	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		975174
	_	EP 99121026 A 19991021 20000830 EP RAHF DIVISIONAL APPLICATION (ART
EP 766478	Р	20000830 EP RAHF DIVISIONAL APPLICATION (ART
		76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
		EP 2000114691 A 20000708
EP 766478	P	
		FILED (PRUEFUNGSANTRAG GESTELLT)
		20000719
EP 766478	P	
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1049334 P
EP 766478	P	
		(ERSTER PRUEFUNGSBESCHEID)
		20010206

EP	766478	P	20020327 EP AC DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
מים	766478	ם	20020327 EP AH DIVISIONAL APPLICATION (ART.
EF	700470	Ľ	76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 975168 P
EP	766478	P	20020327 EP AH DIVISIONAL APPLICATION (ART.
	, , , ,	-	76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 975171 P
ΕP	766478	P	20020327 EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 975172 P
ΕP	766478	P	20020327 EP AH DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P
. ED	766478	D	20020327 EP AHF DIVISIONAL APPLICATION (ART.
E F	700470	E	76) IN: (TEILANMELDUNG (ART. 76) IN:)
			975168
			EP 99119266 A 19990928
ΕP	766478	P	EP 99119266 A 19990928 20020327 EP AHF DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:)
			973335
	566450	_	EP 99119278 A 19990928
EP	766478	Р	20020327 EP AHF DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:) 975169
			EP 99121006 A 19991021
EΡ	766478	P	20020327 EP AHF DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:)
			975170
			EP 99121007 A 19991021
EΡ	766478	P	
			76) IN: (TEILANMELDUNG (ART. 76) IN:)
			975171 EP 99121008 A 19991021
EP	766478	P	20020327 EP AHF DIVISIONAL APPLICATION (ART.
	700170	-	76) IN: (TEILANMELDUNG (ART. 76) IN:)
			975172
			EP 99121024 A 19991021
EΡ	766478	P	20020327 EP AHF DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:)
			975173
פים	766478	a	EP 99121025 A 19991021 20020327 EP AHF DIVISIONAL APPLICATION (ART.
15.5	700470	r	76) IN: (TEILANMELDUNG (ART. 76) IN:)
			975174
			EP 99121026 A 19991021
ΕP	766478	P	20020327 EP AHF DIVISIONAL APPLICATION (ART.
			76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1049334 EP 2000114691 A 20000708
מש	766478	Р	20020327 EP AK DESIGNATED CONTRACTING
EF	700470	Ľ	STATES MENTIONED IN A PATENT SPECIFICATION:
			(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
			VERTRAGSSTAATEN)
			DE FR GB NL
ΕP	766478	P	20020327 EP B1 PATENT SPECIFICATION
	000507	_	(PATENTSCHRIFT)
ΕP	802527	P	19951009 EP AA PRIORITY (PATENT
			APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 95261247 A 19951009
ΕP	802527	P	
			APPLICATION) (PRIORITAET (PATENTANMELDUNG))
	000507	_	JP 968910 A 19960123
EP	802527	P	19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			WEEDICHITON (EKTOKTIVET (EVTENTANMEDDONG))

ΕP	802527	P	JP 96211304 A 19960809 19961008 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
EP	802527	P	(EUROPAEISCHE ANMELDUNG)
EP	802527	P	EP 96932845 A 19961008 19971022 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP	802527	Р	DE FR GB 19971022 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
	802527		PILED / DDIEPUNCCANDDAC CECRETIM)
EP	802527	P	970707 19971210 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP	802527	P	DE FR GB 19971210 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 971022
EP	802527	P	20000405 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP	802527	P	EP 2000102965 A 20000211 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005023 P
EP	802527	P	20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	P	EP 1005024 P 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	P	76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	P	76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	Р	EP 1005027 P 20000531 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	P	(ERSTER PRUEFUNGSBESCHEID)
EP	802527	P	20000427 20000802 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	P	EP 1024478 P 20010321 EP RTI1 TITEL (CORRECTION) (TITEL (KORR.))
EP	802527	P	RECORDER FOR OPTICAL DISKS 20010328 EP RTI1 _ TITEL (CORRECTION) (TITEL (KORR.))
EP	802527	P	RECORDER FOR OPTICAL DISKS 20010523 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	802527	P	EP 1005026 P 20010523 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005027 P

EP 802527	P 20010530 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005024 P	
EP 802527		
EP 802527	EP 2000102965 A 20000211 P 20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005024	
EP 802527	EP 2000102966 A 20000211 P 20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN:) 1005025	
EP 802527	EP 2000102967 A 20000211 P 20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005026	
EP 802527	EP 2000102968 A 20000211 P 20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005027	
EP 802527	EP 2000102969 A 20000211 P 20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1024478	
EP 802527	EP 2000102970 A 20000211 P 20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005028	
EP 802527	EP 2000102971 A 20000211 P 20010829 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)	
EP 802527	DE FR GB P 20010829 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)	
EP 802527	P 20011004 EP REF CORRESPONDS TO: (ENTSPRICHT)	
EP 802527	DE 69614823 P 20011004 P 20011207 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)	
EP 802527	P 20020102 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
EP 802527	76) IN: (TEILANMELDUNG (ART. 76) IN:)	
EP 807929	EP 1168328 P P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 807929	JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 807929	(PCT-ANMELDUNG)	
EP 807929	WO 96JP1303 W 19960515 P 19960515 EP AE EP-APPLICATION	
	(EUROPAEISCHE ANMELDUNG) EP 96915172 A 19960515	

EP 807929	P	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 807929	P	ANMELDUNG MIT RECHERCHENBERICHT) 19971119 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 970918
EP 807929	Þ	
EP 807929	P	DE FR GB 19971210 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 971022
EP 807929	P	19990922 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 19990804
EP 807929	P	20000322 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	EP 2000101774 A 20000128 20000412 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000101774 A 20000128 20000412 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000101775 A 20000128
EP 807929	P	20000412 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	EP 2000101774 A 20000128 20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	EP 2000101775 A 20000128 20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	EP 2000104818 A 20000306 20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	EP 2000105014 A 20000309 20000517 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000101774 A 20000128 20000517 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000101775 A 20000128 20000517 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000103257 A 20000217

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76) IN: (KORR.))
                   EP 2000104818 A 20000306
20000517 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         EP 2000105014 A 20000309
               Р
EP 807929
                   20000517 EP RAHF
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         EP 2000106447 A 20000324
EP 807929
                                        DIVISIONAL APPLICATION (ART.
                   20000524 EP AH
                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
                         EP 1003162 P
EP 807929
               Ρ
                   20000531 EP AH
                                          DIVISIONAL APPLICATION (ART.
                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
                         EP 1005033 P
                   20000531 EP AH
EP 807929
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                                         DIVISIONAL APPLICATION (ART.
                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
                         EP 1005034 P
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EP 807929
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                   20000531 EP AH
                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
                         EP 1005035 P
EP 807929
                   20000607 EP AH
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                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
                         EP 1006516 P
EP 807929
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                   20000607 EP AH
                                         DIVISIONAL APPLICATION (ART.
                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
                         EP 1006517 P
EP 807929
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                   20000705 EP RAHF
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         1005033
                   EP 2000101774 A 20000128 20000705 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929
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                         EP 2000101775 A 20000128
                   20000705 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929
               Ρ
                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         1003162
                         EP 2000103257 A 20000217
                   20000705 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929 P
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                         76) IN: (KORR.))
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                         EP 2000104818 A 20000306
                   20000705 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929
                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         1006516
                         EP 2000105014 A 20000309
                   20000705 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929
                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         1006517
                         EP 2000106447 A 20000324
EP 807929
                   20000705 EP RAHF
                                        DIVISIONAL APPLICATION (ART
                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         EP 2000109898 A
                                           20000510
EP 807929
                   20000705 EP RAHF
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         EP 2000109899 A 20000510
EP 807929
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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76) IN: (KORR.))
                         EP 2000110461 A 20000516
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EP 807929
               Ρ
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         1005033
                         EP 2000101774 A 20000128
EP 807929
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         1005034
                         EP 2000101775 A 20000128
EP 807929
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         1003162
                         EP 2000103257 A 20000217
EP 807929
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
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                         EP 2000104818 A 20000306
EP 807929
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
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EP 807929
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         1006517
                         EP 2000106447 A
                                          20000324
EP 807929
                   20000802 EP RAHF DIVISIONAL APPLICATION (ART
                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         EP 2000109898 A
                                           20000510
                   20000802 EP RAHF
EP 807929
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                         76) IN: (KORR.))
                         EP 2000109899 A
                                           20000510
                   20000802 EP RAHF
EP 807929
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                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         EP 2000110461 A
                                           20000516
                   20000802, EP RAHF
                                       DIVISIONAL APPLICATION (ART
EP 807929
                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         EP 2000112310 A
                                           20000608
                   20000816 EP AH
                                         DIVISIONAL APPLICATION (ART.
EP 807929
                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
                         EP 1028422 P
EP 807929
                   20000816 EP AH
                                         DIVISIONAL APPLICATION (ART.
                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
                         EP 1028423 P
EP 807929
                   20000823 EP AH
                                         DIVISIONAL APPLICATION (ART.
                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
                         EP 1030297 P
EP 807929
                   20000830 EP AH
                                         DIVISIONAL APPLICATION (ART.
                         76) IN: (TEILANMELDUNG (ART. 76) IN:)
                         EP 1031974 P
EP 807929
               Ρ
                   20000906 EP RIC1
                                         CLASSIFICATION (CORRECTION)
                         (KLASSIFIKATION (KORR.))
                         7G 11B 7/007 A, 7G 11B 7/24 B, 7G 06K 19/00
                         B, 7G 11B 20/10 B, 7G 11B 20/00 B, 7G 06F
                         1/00 B
                                        TITEL (CORRECTION) (TITEL
EP 807929
                   20000906 EP RTI1
                         (KORR.))
                         OPTICAL DISK PROVIDED WITH BAR CODE
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EP 807929	P	20001102 EP AH DIVISIONAL APPLICATION (ART.
EL 007323	_	76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 807929	P	EP 1003162 P 20001102 EP AH DIVISIONAL APPLICATION (ART.
B1 007323	-	76) IN: (TEILANMELDUNG (ART. 76) IN:)
005000	_	EP 1005034 P
EP 807929	P	20001102 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1005035 P
EP 807929	P	20010228 EP AHF DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005033
		EP 2000101774 A 20000128
EP 807929	P	20010228 EP AHF DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1005034 EP 2000101775 A 20000128
EP 807929	P	20010228 EP AHF DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1003162 EP 2000103257 A 20000217
EP 807929	P	
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1005035 EP 2000104818 A 20000306
EP 807929	Р	
	_	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1006516
EP 807929	Р	EP 2000105014 A 20000309 20010228 EP AHF DIVISIONAL APPLICATION (ART.
21 00,323	-	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1006517
EP 807929	P	EP 2000106447 A 20000324 20010228 EP AHF DIVISIONAL APPLICATION (ART.
	_	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1028422
EP 807929	Р	EP 2000109898 A 20000510 20010228 EP AHF DIVISIONAL APPLICATION (ART.
21 00.323	-	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1028423
EP 807929	P	EP 2000109899 A 20000510 20010228 EP AHF DIVISIONAL APPLICATION (ART.
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		1030297
EP 807929	P	EP 2000110461 A 20000516 20010228 EP AHF DIVISIONAL APPLICATION (ART.
B1 001929	-	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1031974
EP 807929	Þ	EP 2000112310 A 20000608 20010228 EP AK DESIGNATED CONTRACTING
HI 001323	-	STATES MENTIONED IN A PATENT SPECIFICATION:
		(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
		VERTRAGSSTAATEN)
EP 807929	P	·
		VERTRAGSSTAATEN) DE FR GB 20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 807929 EP 807929	P P	VERTRAGSSTAATEN) DE FR GB 20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT) 20010405 EP REF CORRESPONDS TO:
		VERTRAGSSTAATEN) DE FR GB 20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT) 20010405 EP REF CORRESPONDS TO: (ENTSPRICHT)
		VERTRAGSSTAATEN) DE FR GB 20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT) 20010405 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69611906 P 20010405 20010615 EP ET FR: TRANSLATION FILED (FR:
EP 807929	P P	VERTRAGSSTAATEN) DE FR GB 20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT) 20010405 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69611906 P 20010405 20010615 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 807929	Р	VERTRAGSSTAATEN) DE FR GB 20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT) 20010405 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69611906 P 20010405 20010615 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE) 20010816 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 807929 EP 807929 EP 807929	P P P	VERTRAGSSTAATEN) DE FR GB 20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT) 20010405 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69611906 P 20010405 20010615 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE) 20010816 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1031974 P
EP 807929	P P	VERTRAGSSTAATEN) DE FR GB 20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT) 20010405 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69611906 P 20010405 20010615 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE) 20010816 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1031974 P 20010919 EP AH DIVISIONAL APPLICATION (ART.
EP 807929 EP 807929 EP 807929	P P P	VERTRAGSSTAATEN) DE FR GB 20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT) 20010405 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69611906 P 20010405 20010615 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE) 20010816 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1031974 P 20010919 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005033 P
EP 807929 EP 807929 EP 807929	P P P	VERTRAGSSTAATEN) DE FR GB 20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT) 20010405 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69611906 P 20010405 20010615 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE) 20010816 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1031974 P 20010919 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005033 P

		76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 807929	P	EP 1006516 P 20011128 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 807929	P	EP 1006517 P 20020220 EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 833319	P	19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 833319	Р	JP 938596 A 19930121 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 833319	Р	JP 9392219 A 19930325 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 833319	P	JP 93107423 A 19930409 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 833319	Р	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 833319	Р	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 833319	Р	JP 93314114 A 19931119 19940119 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 94300402 A3 19940119
EP 833319	P	19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 97118775 A 19940119
EP 833319	Р	19980401 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 609013 P
EP 833319	Р	19980401 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 833319	P	19980401 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 833319	P	19980401 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 971029
EP 833319	Р	19980429 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI ; SHIMIZU, RYOSUKE ; KOUDO, TOSHIKAZU ; YOSHIURA, TSUKASA ; MATSUURA,
EP 833319	Р	TAKUMI; TANAKA, MITIRO; TAN, SATOSHI 20020327 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7G 11B 13/04 A, 7G 11B 20/12 B
EP 833319	Р	20020403 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 833319	P	20020403 EP A3 SEPARATE PUBLICATION OF THE

SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))

EP 844611	(ART. 93)) P 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	JP 938596 A 19930121 P 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	JP 9392219 A 19930325 P 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	JP 93107423 A 19930409 P 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	JP 93205682 A 19930727 P 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	JP 93297504 A 19931102 P 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	JP 93314114 A 19931119 P 19940119 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 94300403 A3 19940119
EP 844611	P 19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 844611	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 844611	EP 608126 P P 19980527 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 844611	P 19980527 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 844611	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 844612	980114 P 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	JP 938596 A 19930121 P 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	JP 9392219 A 19930325 P 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	JP 93107423 A 19930409 P 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	JP 93205682 A 19930727 P 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 844612	P	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	Р	JP 93314114 A 19931119 19940119 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 844612	P	EP 94300403 A3 19940119 19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 98100525 A 19940119
EP 844612	P	19980527 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 608126 P
EP 844612	P	19980527 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 844612	P	19980527 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 844612	Р	
EP 971345	P	19961219 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 971345	P	JP 96339304 A 19961219 19970122 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 971345	Р	JP 979318 A 19970122 19970924 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 971345	P	JP 97259110 A 19970924 19971217 EP AA PCT-APPLICATION (PCT-ANMELDUNG) WO 97JP4664 W 19971217
EP 971345	P	19971217 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 971345	Р	EP 97949124 A 19971217 20000112 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 971345	P	DE FR GB IT NL 20000112 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 971345	Р	ANMELDUNG MIT RECHERCHENBERICHT) 20000112 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 973335	P	19990719 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	Р	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	P	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT

			APPLICATION) (PRIORITAET (PATENTANMELDUNG))
E D	073335	D	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT
Ç.F	913333	1	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
C D	973335	D	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF
EP	973333	P	(AUSSCHEIDUNG AUS)
מים	973335	P	EP 92302627 A3 19920326 19920326 EP AA DIVIDED OUT OF
EF	913333	ŗ	(AUSSCHEIDUNG AUS)
מש	973335	D	EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION
E.F	913333	L	(EUROPAEISCHE ANMELDUNG)
FD	973335	D	EP 99119278 A 19920326 20000119 EP AC DIVISIONAL APPLICATION (ART.
Ŀſ	773333	_	76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EΡ	973335	P	20000119 EP AC DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
ΕP	973335	P	20000119 EP AK DESIGNATED CONTRACTING
			STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
			, and the control of
EP	973335	P	DE FR GB NL 20000119 EP A1 PUBLICATION OF APPLICATION
			WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP	973335	P	ANMELDUNG MIT RECHERCHENBERICHT) 20000119 EP 17P REQUEST FOR EXAMINATION
			FILED (PRUEFUNGSANTRAG GESTELLT)
ΕP	973335	Р	19991015 20001004 EP AKX PAYMENT OF DESIGNATION FEES
			(NL: KORREKTUREN (TEIL 1 RUBRIK G))
EP	973335	P	DE FR GB NL 20001115 EP K1C3 CORRECTION OF PATENT
			APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG
			(KOMPLETTNEUDRUCK) ERSCHIENEN)
E D	973335	D	20000119 20001206 EP RPR1 PRIORITY (CORRECTION)
БE	913333	Ľ	(PRIORITAET (KORR.))
			JP 19910327 6279891 ; JP 19910425 9581391 ; JP 19910529 15565091 ; JP 19910723 18223691 ;
			JP 19920317 6073992
ΕP	973335	P	20011205 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			20011018
EP	975168	P	19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	975168	P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT
			APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9195813 A 19910425
EP	975168	P	
			APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ממ	975168	P	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT
LР	313100	E	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 91182236 A 19910723
EP	975168	P	19920317 EP AA PRIORITY (PATENT
			APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317
FD	975168	P	19920326 EP AA DIVIDED OUT OF

			(AUSSCHEIDUNG AUS)
		_	EP 92302627 A3 19920326
EP	975168	Р	19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
			EP 96119060 A3 19920326
ΕP	975168	P	19920326 EP AE EP-APPLICATION
			(EUROPAEISCHE ANMELDUNG)
בס	975168	P	EP 99119266 A 19920326 20000126 EP AC DIVISIONAL APPLICATION (ART.
LP	9/3100	P	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 506400 P
EΡ	975168	P	20000126 EP AC DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	975168	P	EP 766478 P 20000126 EP AK DESIGNATED CONTRACTING
	373100	-	STATES IN AN APPLICATION WITH SEARCH REPORT:
			(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
			DE ED CD M
F D	975168	D	DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION
	373100	_	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
			ANMELDUNG MIT RECHERCHENBERICHT)
EP	975168	P	20000126 EP 17P REQUEST FOR EXAMINATION
			FILED (PRUEFUNGSANTRAG GESTELLT) 19991022
EΡ	975168	P	20001011 EP AKX PAYMENT OF DESIGNATION FEES
			(NL: KORREKTUREN (TEIL 1 RUBRIK G))
	075460	_	DE FR GB NL 20001115 EP K1C3 CORRECTION OF PATENT
EP	975168	P	APPLICATION (COMPLETE REPRINT) PUBLISHED
			(BERICHTIGUNG DER PATENTANMELDUNG
			(KOMPLETTNEUDRUCK) ERSCHIENEN)
			20000126
EΡ	975168	Р	20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			20010227
EΡ	975168	P	20020327 EP AC DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	975168	Þ	EP 506400 P 20020327 EP AC DIVISIONAL APPLICATION (ART.
	373100	-	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 766478 P
EP	975168	Р	20020327 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
			(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
			VERTRAGSSTAATEN)
	075460		DE FR GB NL
EP	975168	P	20020327 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP	975169	P	19910327 EP AA PRIORITY (PATENT
			APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9162798 A 19910327
EP	975169	P	19910425 EP AA PRIORITY (PATENT
		_	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			TD 010E012 7 10010405
FD	975169	Р	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT
	5.5105	-	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			04455550 40000500
מים	975169	Đ	JP 91155650 A 19910529
EP	975169	P	19910723 EP AA PRIORITY (PATENT
		Р	19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 91182236 A 19910723
	975169 975169	P P	19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

JP 9260739 A 19920317

EP 97516	59 P	(AUSSCHEIDUNG AUS)
EP 97516	59 P	EP 92302627 A3 19920326 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 97516	59 P	EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 97516	59 P	EP 99121006 A 19920326 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 97516	59 P	EP 506400 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 97516	59 P	
		DE FR GB NL
EP 97516	59 P	20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 97516	-	20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 97516		20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 97517	'0 P	19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 97517	'0 P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 97517	'0 Р	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 97517	'0 P	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 97517	'0 P	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 97517	0 P	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 97517	0 Р	EP 92302627 A3 19920326 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 97517	'0 P	EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 97517	'0 P	EP 99121007 A 19920326 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 97517	0 Р	EP 506400 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 97517	70 P	20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		·

	DE ED CD NI
EP 975170	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 975170	ANMELDUNG MIT RECHERCHENBERICHT) P 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 975170	P 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975171	
EP 975171	JP 9162798 A 19910327 P 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 9195813 A 19910425 P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 91155650 A 19910529 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 91182236 A 19910723 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 9260739 A 19920317 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326
EP 975171	P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 975171	EP 96119060 A3 19920326 P 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 975171	EP 99121008 A 19920326 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975171	
EP 975171	
	DE FR GB NL
EP 975171	P 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975171	
EP 975171	
EP 975171	P 20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010227
EP 975171	
EP 975171	P 20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P

EP 975171	Р	STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB NI.
EP 975171	P	
EP 975172	Р	(PATENTSCHRIFT) 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	Р	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	Р	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	P	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	Р	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	Р	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326
EP 975172	P	19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96119060 A3 19920326
EP 975172	P	19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 975172	P	EP 99121024 A 19920326 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975172	Р	EP 506400 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975172	Р	20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 975172	Р	DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975172	P	20000301 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 975172	P	20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975172	P	20010404 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010222
EP 975172	P	A DESCRIPTION OF THE PROPERTY
EP 975172	P	20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975172	P	

VERTRAGSSTAATEN)

075170	-	DE FR GB NL
EP 9/51/2	Ь	20020327 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 975173	Р	(PATENTSCHRIFT) 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	Р	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	Р	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	Р	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	Р	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 975173	P	EP 92302627 A3 19920326 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96119060 A3 19920326
EP 975173	P	19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 975173	P	EP 99121025 A 19920326 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975173	P	20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975173	P	20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 975173	Р	DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975173	Р	
EP 975173	P	20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975173	P	20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010227
EP 975173	·P	20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975173	P	
EP 975173	Р	
EP 975173	P	20020327 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)

EP 975174	Р	19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	Р	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	P	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	Р	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	P	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975174	P	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326
EP 975174	P	19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 975174	Р	(EUROPAEISCHE ANMELDUNG)
EP 975174	P	EP 99121026 A 19920326 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975174	Р	EP 506400 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975174	P	EP 766478 P 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB NL
EP 975174	Р	20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975174	Р	20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 975174	P	19991021 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))
EP 1003162	Р	DE FR GB NL 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1003162	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1003162	P	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1003162	P	19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1003162	P	EP 2000103257 A 19960515 20000524 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1003162	P	EP 807929 P 20000524 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

			DE FR GB
EP 10	03162	P	20000524 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 10	03162	P	20000524 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000217
EP 10	03162	P	20000913 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20000725
EP 10	03162	P	20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 10	03162	P	20001102 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB
EP 10	03162	P	20001102 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 10	03162	P	20001207 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69610859 P 20001207
EP 10	03162	P	20010207 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 10	03162	P	20010209 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 10	03162	P	20011024 EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 10	05023	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 10	05023	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 10	05023	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 10	05023	Р	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008
EP 10	05023	P	19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000102965 A 19961008
EP 10	05023	P	20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 10	05023	P	20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 10	05023	Р	DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 10	05023	P	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301
EP 10	05023	Р	20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA, SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU; TAKEMURA, YOSHINARI

EP 1005023	Р	20010110 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001130
EP 1005023	Р	
EP 1005024	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005024	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005024	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005024	P	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1005024	P	EP 96932845 A3 19961008 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000102966 A 19961008
EP 1005024	P	20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005024	Р	EP 802527 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005024	Р	DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005024	P	
EP 1005024	Р	20000927 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA, SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU; TAKEMURA, YOSHINARI
EP 1005024	P	
EP 1005024	P	
EP 1005024	P	
EP 1005024	Р	
EP 1005024	P	20010530 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005024	Р	20010705 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 1005024	Р	DE 69613156 P 20010705 20010720 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005025	P	

JP 95261247 A 19951009

EP 1005025	P	19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005025	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005025	P	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008
EP 1005025	P	
EP 1005025	Р	20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1005025	Р	
EP 1005025	Р	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1005025	P	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1005025	Р	20000301 20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA, SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU;
EP 1005025	P	TAKEMURA, YOSHINARI 20010207 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001227
EP 1005025	Р	
EP 1005025	Р	20020102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005025	P	EP 802527 P 20020102 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB
EP 1005025	P	20020102 EP B1 PATENT SPECIFICATION
EP 1005025	P	(PATENTSCHRIFT) 20020228 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 1005026	Р	DE 69618672 P 20020228 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005026	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005026	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005026	P	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008
EP 1005026	P	19961008 EP AE EP-APPLICATION

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		(EUROPAEISCHE ANMELDUNG)
	_	EP 2000102968 A 19961008
EP 1005026	P	20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
FP 1005026	D.	EP 802527 P 20000531 EP AK DESIGNATED CONTRACTING
El 1005020	. .	STATES IN AN APPLICATION WITH SEARCH REPORT:
		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
1005006	_	DE FR GB
EP 1005026	Р.	20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
DD 1005026	D .	ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005026	P .	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1005026	D.	20000301 20001115 EP RIN1 INVENTOR (CORRECTION)
EF 1005020	Ľ,	(ERFINDER (KORR.))
		OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ;
	_	TAKEMURA, YOSHINARI
EP 1005026	P :	20001129 EP RTI1 TITEL (CORRECTION) (TITEL (KORR.))
DD 1005006	D.	OPTICAL RECORDER
EP 1005026	Р.	20010110 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1005026	ם י	20001130 20010214 EP AKX PAYMENT OF DESIGNATION FEES
EF 1005020	Ε.	(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1005026	p ·	DE FR GB 20010523 EP AC DIVISIONAL APPLICATION (ART.
B1 1003020		76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005026	P :	EP 802527 P 20010523 EP AK DESIGNATED CONTRACTING
		STATES MENTIONED IN A PATENT SPECIFICATION:
		(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
ED 1005026	. a	DE FR GB 20010523 EP B1 PATENT SPECIFICATION
		(PATENTSCHRIFT)
EP 1005026	P :	20010628 EP REF CORRESPONDS TO: (ENTSPRICHT)
1005006	_	DE 69613010 P 20010628 20010727 EP ET FR: TRANSLATION FILED (FR:
EP 1005026	P	TRADUCTION A ETE REMISE)
EP 1005027	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005027	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT
21 100002	~	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 968910 A 19960123
EP 1005027	P	19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005027	P	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF
21 100002.	-	(AUSSCHEIDUNG AUS)
EP 1005027	Р	EP 96932845 A3 19961008 19961008 EP AE EP-APPLICATION
		(EUROPAEISCHE ANMELDUNG) EP 2000102969 A 19961008
EP 1005027	P	20000531 EP AC DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1005027	P	20000531 EP AK DESIGNATED CONTRACTING
		STATES IN AN APPLICATION WITH SEARCH REPORT:

			(III SINSI IIIISSSI SENIIIII VENIIIIIII)
EΡ	1005027	P	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP	1005027	P	ANMELDUNG MIT RECHERCHENBERICHT) 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301
EP	1005027	P	
EP	1005027	P	SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI 20001129 EP RTI1 TITEL (CORRECTION) (TITEL
EP	1005027	P	(KORR.)) OPTICAL RECORDER 20010110 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP	1005027	P	20001130 20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP	1005027	P	DE FR GB 20010523 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP	1005027	P	
EP	1005027	P	DE FR GB 20010523 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP	1005027	P	20010628 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP	1005027	P	DE 69613011 P 20010628 20010727 EP ET FR: TRANSLATION FILED (FR:
EP	1005028	P	TRADUCTION A ETE REMISE) 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 95261247 A 19951009
EP	1005028	P	19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP ·	1005028	P	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1005028	P	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP	1005028	P	EP 96932845 A3 19961008 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000102971 A 19961008
EP	1005028	P	20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP	1005028	P	20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB
EP	1005028	Р	
EP	1005028	P	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301

EP 1005028	P	20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA, SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU; TAKEMURA, YOSHINARI
EP 1005028	Р	20001129 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001013
EP 1005028	P	20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1005028	P	20011004 EP RTI1 TITLE (CORRECTION) (TITEL (KORR.)) OPTICAL RECORDER AND OPTICAL RECORDING METHOD USING ENCRYPTION
EP 1005033	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005033	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005033	Р	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1005033	Р	19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000101774 A 19960515
EP 1005033	Р	20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1005033	Р	STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005033	P	DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005033	P	
EP 1005033	Р	(ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1005033	Р	20010502 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010316
EP 1005033	P	20010919 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1005033	P	20010919 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB
EP 1005033	P	20010919 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005033	Р	20011025 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69615418 P 20011025
EP 1005033	P	20020125 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005034	Р	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

JP 95261247 A 19951009

EP 1005034	Р	19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005034	P	(AUSSCHEIDUNG AUS)
EP 1005034	Р	EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1005034	Р	EP 2000101775 A 19960515 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1005034	P	
EP 1005034	Р	EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1005034	Р	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1005034	P	ANMELDUNG MIT RECHERCHENBERICHT) 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000128
EP 1005034	Р	20000128 20000913 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20000725
EP 1005034	P	20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1005034	Р	
EP 1005034	P	20001102 EP B1 PATENT SPECIFICATION
EP 1005034	P	(PATENTSCHRIFT) 20001207 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69610860 P 20001207
EP 1005034	P	20010209 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005034	P	20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1005034	Р	20011024 EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 1005035	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005035	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005035	Р	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1005035	Р	19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1005035	P	EP 2000104818 A 19960515 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P

EP 1005035	Р	20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
EP 1005035	Р	
EP 1005035	Р	20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005035	P	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000306
EP 1005035	P	20000913 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20000725
EP 1005035	Р	20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1005035	Р	20001102 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB
EP 1005035	P	20001102 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005035	Р	20001207 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69610861 P 20001207
EP 1005035	P	20001213 IE FG4D/REG EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
EP 1005035	Р	20010209 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005035	Р	20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1005035	P	20011024 EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 1005035	P	20020306 IE MM4A/REG PATENT LAPSED
EP 1006516	Р	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1006516	Р	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1006516	P	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1006516	Р	19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000105014 A 19960515
EP 1006516	P	20000607 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1006516	P	20000607 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1006516	Р	DE FR GB 20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI

EP	1006516	P	20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP	1006516	P	20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000309
EP	1006516	P	20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP	1006516	P	
EP	1006516	P	(ERSTER PRUEFUNGSBESCHEID)
EP	1006516	P	20011121 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP	1006516	P	
ΕP	1006516	P	20011121 EP B1 PATENT SPECIFICATION
EP	1006516	P	(PATENTSCHRIFT) 20020221 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69618633 P 20020221
EP	1006517	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1006517	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1006517	P	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP	1006517	Р	EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	1006517	P	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EΡ	1006517	P	EP 807929 P 20000607 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
ΕP	1006517	Р	DE FR GB 20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL; LT; LV; SI
EP	1006517	P	· · ·
EP	1006517	Р	20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324
EP	1006517	P	
EP	1006517	P	
EP	1006517	P	20011128 EP AC DIVISIONAL APPLICATION (ART.

		76) OF: (TEILANMELDUNG (ART. 76) AUS:)
FD 1006517	ם י	EP 807929 P 20011128 EP AK DESIGNATED CONTRACTING
EP 1000317	E Z	STATES MENTIONED IN A PATENT SPECIFICATION:
		(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
		VERTRAGSSTAATEN) DE FR GB
EP 1006517	P 2	20011128 EP B1 PATENT SPECIFICATION
EP 1006517	D ((PATENTSCHRIFT)
EP 1006517	P 2	20011205 EP RIN2 INVENTOR (CORRECTION) (ERFINDER (KORR.))
		GOTOH, YOSHIHO, C/O MATSUSHITA ELECTRIC
		IND.CO.LTD ; OSHIMA, MITSUAKI, C/O MATSUSHITA ELECTRIC IND.CO.L ; TANAKA, SHINICHI, C/O
		MATSUSHITA ELECTRIC IND.CO.L ; KOISHI, KENJI,
		C/O MATSUSHITA ELECTRIC IND.CO.LTD.; MORIYA, MITSURO, C/O MATSUSHITA ELECTRIC IND.CO.L.
EP 1006517	P 2	20020110 EP REF CORRESPONDS TO:
		(ENTSPRICHT)
EP 1024478	p 1	DE 69617478 P 20020110 19951009 EP AA PRIORITY (PATENT
1021170		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		ID 05261247 7 10051000
EP 1024478	P 1	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 968910 A 19960123
EP 1024478	P 1	19960809 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 96211304 A 19960809
EP 1024478	P :	19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
		EP 96932845 A3 19961008
EP 1024478	P 3	19961008 EP AE EP-APPLICATION
		(EUROPAEISCHE ANMELDUNG) EP 2000102970 A 19961008
EP 1024478	P 2	20000802 EP AC DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1024478	P 2	20000802 EP AK DESIGNATED CONTRACTING
		STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		(IN EINER ANNELDUNG BENANNIE VERTRAGSSTAATEN)
PD 1004470	D (DE FR GB
EP 1024478	P 2	20000802 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
:00.4.70		ANMELDUNG MIT RECHERCHENBERICHT)
EP 1024478	P 2	20000802 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000301
EP 1024478	P 2	20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.))
		OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA,
		SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP 1024478	P 2	20001129 EP 17Q FIRST EXAMINATION REPORT
		(ERSTER PRUEFUNGSBESCHEID)
EP 1024478	P 2	20001011 20010418 EP AKX PAYMENT OF DESIGNATION FEES
		(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1024478	Р 2	DE FR GB 20011024 EP RAHF DIVISIONAL APPLICATION (ART
	-	76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.)) EP 2001120681 A 20010903
EP 1024478	P 2	20020102 EP AH DIVISIONAL APPLICATION (ART.

		76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1168328 P
EP 1028422	Р	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 95261247 A 19951009
EP 1028422	Р	19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1028422	Р	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1028422	Р	EP 96915172 A3 19960515
EP 1028422	P	EP 2000109898 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1028422	Р	STATES IN AN APPLICATION WITH SEARCH REPORT:
		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB
EP 1028422	P	20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1028422	Р	
EP 1028422	P	
EP 1028422	Р	20010704 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010516
EP 1028423	Р	
EP 1028423	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1028423	Р	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1028423	Р	EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1028423	P	EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1028423	Р	20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1028423	Ö	DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION
EP 1020423	r	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1028423	P	20000816 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000510
EP 1028423	Р	20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1028423	Р	20001113 20010502 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)

EP 1030297	Р	DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1030297	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1030297	Р	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1030297	Р	(EUROPAEISCHE ANMELDUNG)
EP 1030297	Р	EP 2000110461 A 19960515 20000823 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1030297	Р	
EP 1030297	Р	DE FR GB 20000823 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1030297	Р	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1030297	Р	ANMELDUNG MIT RECHERCHENBERICHT) 20000823 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000519
EP 1030297	Р	
EP 1030297	P	20010509 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1031974	Р	
EP 1031974	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 968910 A 19960123
EP 1031974	Р	
EP 1031974	P	
EP 1031974	Р	
EP 1031974	Р	
EP 1031974	P	DE FR GB 20000830 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1031974		20000830 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000608
EP 1031974	Р	20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)

EP 1031974	P	20001113 20010516 EP AKX PAYMENT OF DESIGNATION FEES
		(ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1031974	P	20010816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1031974	Р	20010816 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
		VERTRAGSSTAATEN) DE FR GB
EP 1031974	P	20010816 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1031974	Р	20010920 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 1031974	P	DE 69614580 P 20010920 20011228 EP ET FR: TRANSLATION FILED (FR:
EP 1035693	P	TRADUCTION A ETE REMISE) 19920925 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035693	P	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035693	Р	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 93132984 A 19930510
EP 1035693	P	19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1035693	P	EP 93307575 A3 19930924 19930924 EP AE EP-APPLICATION
		(EUROPAEISCHE ANMELDUNG) EP 2000114572 A 19930924
EP 1035693	Р	20000913 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P
EP 1035693	P	20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE
		RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035693	P	20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035693	P	20001011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1035693	P	20000714 20001206 EP AK DESIGNATED CONTRACTING
		STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1035693	P	
		SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035693	Р	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1035693	P	PT SE 20010919 EP 17Q FIRST EXAMINATION REPORT

(ERSTER PRUEFUNGSBESCHEID)

EP 1035694	20010806 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035694	JP 92256070 A 19920925 P 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035694	JP 9366461 A 19930325 P 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035694	(AUSSCHEIDUNG AUS)
EP 1035694	EUROPAEISCHE ANMELDUNG)
EP 1035694	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1035694	EP 589709 P P 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035694	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1035694	ANMELDUNG OHNE RECHERCHENBERICHT) P 20001011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714
EP 1035694	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035694	P 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1035694	(ART. 93)) P 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26
EP 1035694	B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1035694	-
EP 1035695	(ERSTER PRUEFUNGSBESCHEID) 20010806 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035695	JP 92256070 A 19920925
EP 1035695	JP 9366461 A 19930325 P 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

		JP 93132984 A 19930510
EP 1035695	P	19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924
EP 1035695	Р	19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1035695	P	EP 2000114575 A 19930924 20000913 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1035695	Р	EP 589709 P 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035695	P	20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1035695	Р	ANMELDUNG OHNE RECHERCHENBERICHT) 20001011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714
EP 1035695	P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035695	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1035695	Р	(ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1035695	P	7/24 B 20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1035695	P	PT SE 20010919 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1035696	P	20010806 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035696	Р	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035696	Р	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035696	Р	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1035696	Р	EP 93307575 A3 19930924 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1035696	P	EP 2000114577 A 19930924 20000913 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1035696	P	EP 589709 P 20000913 EP AK DESIGNATED CONTRACTING

STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035696	P 2000	0913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1035696	P 2000	ANMELDUNG OHNE RECHERCHENBERICHT) 1011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714
EP 1035696	P 2000	20000714 1206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035696	P 2000	1206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1035696	P 2000	(ART. 93)) 1206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1035696	P 20010	7/24 B 0822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1035696	P 20010	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE D919 EP 17Q FIRST EXAMINATION REPORT
EP 1035697	P 19920	(ERSTER PRUEFUNGSBESCHEID) 20010806 3925 EP AA PRIORITY (PATENT
EP 1033697		APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1035697	P 19930	0325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035697	P 19930	JP 9366461 A 19930325 0510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035697	P 19930	JP 93132984 A 19930510 0924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1035697	P 1993	EP 93307575 A3 19930924 0924 EP AE EP-APPLICATION
EP 1035697	P 2000	(EUROPAEISCHE ANMELDUNG) EP 2000114578 A 19930924 0913 EP AC DIVISIONAL APPLICATION (ART.
EF 1055057		76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P
EP 1035697	P 2000	0913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035697	P 2000	0913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1035697	P 2000	ANMELDUNG OHNE RECHERCHENBERICHT) 1011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1035697	P 2000	20000714 1206 EP AK DESIGNATED CONTRACTING

STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

	AT BE CH DE DK ES FR GB GR IE IT LI L	U MC NL
EP 1035697	PT SE P 20001206 EP A3 SEPARATE PUBLICATION SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERIC	
EP 1035697	(ART. 93)) P 20001206 EP RIC1 CLASSIFICATION (CORR (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 7/24 B	L 27/26
EP 1035697		
EP 1035697		PORT
EP 1035698	P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANME	LDUNG))
EP 1035698	JP 92256070 A 19920925 P 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANME	LDUNG))
EP 1035698	JP 9366461 A 19930325 P 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANME	LDUNG))
EP 1035698	JP 93132984 A 19930510 P 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924	
EP 1035698		
EP 1035698		
EP 1035698		СН
	AT BE CH DE DK ES FR GB GR IE IT LI L	U MC NL
EP 1035698	PT SE P 20000913 EP A2 PUBLICATION OF APPLI WITHOUT SEARCH REPORT (VEROEFFENTLIC ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 1035698	· · · · · · · · · · · · · · · · · · ·	ION
EP 1035698		I
	AT BE CH DE DK ES FR GB GR IE IT LI L PT SE	U MC NL
EP 1035698		
EP 1035698	P 20001206 EP RIC1 CLASSIFICATION (CORR (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04	

EP 1035698	P	B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B 20010822 EP AKX PAYMENT OF DESIGNATION FEES
		(ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035698	Р	
EP 1039672	P	
EP 1039672	Р	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039672	P	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039672	P	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924
EP 1039672	Р	19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114576 A 19930924
EP 1039672	Р	2000014376 A 19930924 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P
EP 1039672	P	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039672	P	
EP 1039672	P	
EP 1039672	P	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039672	P	SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039672	Р	(ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1039672	P	· · · · · · · · · · · · · · · · · · ·
EP 1039672	P	
EP 1039673	P	

EP 1039673	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039673	P	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1039673	P	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1039673	P	EP 2000114689 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039673	Р	20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039673	P	20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039673	P	20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039673	Р	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039673	P	PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039673	P	20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412
EP 1039673	P	
EP 1039673	P	20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
EP 1039674	Р	B, 7H 04L 27/26 B, 7H 04L 27/34 B 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039674	P	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039674	Р	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1039674	P	(EUROPAEISCHE ANMELDUNG)
EP 1039674	P	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039674	P	EP 562875 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE

RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
ΕP	1039674	P	
EP	1039674	P	20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP	1039674	P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	1039674	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
ΕP	1039674	P	20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412
EP	1039674	Р	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP	1039674	P	PT SE 20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
EP	1039674	P	(KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
EP	1039674	P	B, 7H 04L 27/26 B, 7H 04L 27/34 B 20010926 EP RTI1 TITLE (CORRECTION) (TITEL (KORR.)) MULTIRESOLUTION TRANSMISSION AND ERROR
EP	1039675	P	CORRECTION CODING WITH MULTICARRIER SIGNALS 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1039675	P	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1039675	P	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP	1039675	P	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	1039675	P	EP 2000114692 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	1039675	P	EP 562875 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	1039675	P	20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP	1039675	P	20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)

	_	20000712
EP 1039675	Р	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM
		RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		RECHERCISERED CONTROL PERMINTE VERTICACIONIANTEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039675	P	20001206 EP A3 SEPARATE PUBLICATION OF THE
		SEARCH REPORT (ART. 93) (GESONDERTE
		VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039675	P	
		(ERSTER PRUEFUNGSBESCHEID)
DD 1000675		20010302
EP 1039675	Р	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
		PT SE
EP 1039675	P	
		76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039675	Р	
		STATES MENTIONED IN A PATENT SPECIFICATION:
		(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
		PT SE
EP 1039675	P	
EP 1039675	Р	(PATENTSCHRIFT) 20020306 EP REF IN AUSTRIA REGISTERED AS:
		(IN AT EINGETRAGEN ALS:)
75 1020C7F		AT 214214 R 20020315
EP 1039675	Р	20020315 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039676	P	19920326 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9267934 A 19920326
EP 1039676	P	19920925 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92256070 A 19920925
EP 1039676	Р	19930326 EP AA DIVIDED OUT OF
		(AUSSCHEIDUNG AUS)
ED 1020676	D	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION
EP 1039070	P	(EUROPAEISCHE ANMELDUNG)
		EP 2000114694 A 19930326
EP 1039676	P	20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 562875 P
EP 1039676	P	20000927 EP AK DESIGNATED CONTRACTING
		STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE
		RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039676	P	
	_	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
ED 1030636	-	ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039676	Ч	20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000712
EP 1039676	P	
		STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039676	P	PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039676	P	(ART. 93)) 20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1039676	Р	20010412 20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039676	P	20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1039677	P	
EP 1039677	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1039677	P	
EP 1039677	P	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114696 A 19930326
EP 1039677	P	2000014696 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039677	P	20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039677	P	20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039677	Р	20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039677	Р	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039677	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039677	P	,
EP 1039677	P	
EP 1039677	P	
EP 1039678	P	

APPLICATION) (PRIORITAET (PATENTANMELDUNG))

	in the state of th	,
EP 1039678	JP 9267934 A 19920326 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039678	JP 92256070 A 19920925 P 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326	
EP 1039678		
EP 1039678		т.
EP 1039678	P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC N PT SE	
EP 1039678		
EP 1039678	P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712	
EP 1039678		
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC N	L
EP 1039678	PT SE P 20001206 EP A3 SEPARATE PUBLICATION OF TH SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS	E
EP 1039678	(ART. 93)) P 20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412	
EP 1039678		
EP 1039678	P 20010919 EP RIC1 CLASSIFICATION (CORRECTION (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18	
EP 1039679	B, 7H 04L 27/26 B, 7H 04L 27/34 B P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039679	JP 9267934 A 19920326 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039679	JP 92256070 A 19920925 P 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326	
EP 1039679	P 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
EP 1039679	EP 2000114698 A 19930326 P 20000927 EP AC DIVISIONAL APPLICATION (AR 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P	т.
EP 1039679	P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH	

REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	P	20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039679	Р	20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1039679	Р	20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039679	Р	
EP 1039679	Р	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	P	
EP 1039680	Р	19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039680	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039680	P	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1039680	Р	
EP 1039680	Р	20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039680	Р	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039680	P	20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1039680	P	ANMELDUNG OHNE RECHERCHENBERICHT) 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1039680	Р	20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

EP 1039680	Р	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039680	P	
EP 1039680	Р	
EP 1039680	P	20020306 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039680	Р	EP 562875 P 20020306 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039680	P	· ·
EP 1039680	Р	PATENTSCHRIFT) 20020306 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 214215 R 20020315
EP 1039680	P	20020315 CH EP/REG ENTRY IN THE NATIONAL PHASE
EP 1039681	Р	(EINTRITT IN DIE NATIONALE PHASE) 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039681	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039681	P	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1039681	P	
EP 1039681	. P	20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039681	P	20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039681	P	
EP 1039681	P	
EP 1039681	P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039681	Р	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039681	P	

		(KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
		B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04N 7/24 B
EP 1039681	P 2	20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412
EP 1039681	P 2	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039681	P 2	20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
EP 1039682	P 1	B, 7H 04L 27/26 B, 7H 04L 27/34 B 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039682	P 1	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039682	P 1	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1039682	P 1	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1039682	P 2	EP 2000114702 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039682	P 2	20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P 2	20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1039682	P 2	ANMELDUNG OHNE RECHERCHENBERICHT) 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1039682	Р 2	20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P 2	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039682	P 2	20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1039682	Р 2	20010302 20010704 EP RTII TITEL (CORRECTION) (TITEL (KORR.)) MULTIRESOLUTION TRANSMISSION, IN PARTICULAR
EP 1039682	Р 2	WITH MULTICARRIER SIGNALS 20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P 2	20020306 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)

EP 1039682	Р	EP 562875 P 20020306 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P	20020306 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039682	P	20020306 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 214216 R 20020315
EP 1039682	P	20020315 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1045541	P	19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1045541	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1045541	P	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1045541	P	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114700 A 19930326
EP 1045541	P	20001018 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1045541	P	20001018 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1045541	P	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1045541	P	20001018 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1045541	Р	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1045541	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1045541	P	20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010302
EP 1045541	P	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1045541	Р	20020306 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1045541	Р	20020306 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)

	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1045541	
EP 1045541	(IN AT EINGETRAGEN ALS:)
EP 1045541	AT 214217 R 20020315 P 20020315 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1049282	P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049282	JP 92256070 A 19920925 P 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049282	JP 9366461 A 19930325 P 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049282	JP 93132984 A 19930510 P 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924
EP 1049282	P 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1049282	EP 2000114574 A 19930924 P 20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1049282	EP 589709 P P 20001102 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049282	PT SE P 20001102 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1049282	ANMELDUNG OHNE RECHERCHENBERICHT) P 20001102 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1049282	20000712 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049282	P 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1049282	(KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1049282	(ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049282	PT SE P 20010919 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010806
EP 1049283	

EP 1049283	P	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049283	Р	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1049283	P	
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EP 1049283	P	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049283	Р	
EP 1049283	P	
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		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
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EP 1049283	Р	
EP 1049283	P	
EP 1049283	P	20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
EP 1049284	P	B, 7H 04L 27/26 B, 7H 04L 27/34 B 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049284	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049284	P	(AUSSCHEIDUNG AUS)
EP 1049284	P	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1049284	P	EP 2000114695 A 19930326 20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1049284	P	20001102 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE

RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

	AT BE CH DE DK PT SE	ES FR GB GR IE IT LI LU MC NL
EP 1049284	P 20001102 EP A2 WITHOUT SEARCH	PUBLICATION OF APPLICATION REPORT (VEROEFFENTLICHUNG DER
EP 1049284	P 20001102 EP 17P	RECHERCHENBERICHT) REQUEST FOR EXAMINATION NGSANTRAG GESTELLT)
EP 1049284	P 20001206 EP AK STATES IN A SEA	DESIGNATED CONTRACTING ARCH REPORT: (IN EINEM CHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK PT SE	ES FR GB GR IE IT LI LU MC NL
EP 1049284	P 20001206 EP A3 SEARCH REPORT	SEPARATE PUBLICATION OF THE (ART. 93) (GESONDERTE UNG DES RECHERCHENBERICHTS
EP 1049284		FIRST EXAMINATION REPORT NGSBESCHEID)
EP 1049284	P 20010822 EP AKX (ZAHLUNG VON BE	PAYMENT OF DESIGNATION FEES ENENNUNGSGEBUEHREN) ES FR GB GR IE IT LI LU MC NL
EP 1049284	P 20020306 EP AC	DIVISIONAL APPLICATION (ART. ANMELDUNG (ART. 76) AUS:)
EP 1049284	P 20020306 EP AK STATES MENTIONE (IN EINER PATEN VERTRAGSSTAATEN AT BE CH DE DK	DESIGNATED CONTRACTING ED IN A PATENT SPECIFICATION: NTSCHRIFT ANGEFUEHRTE BENANNTE N) ES FR GB GR IE IT LI LU MC NL
EP 1049284		PATENT SPECIFICATION
EP 1049284	(PATENTSCHRIFT) P 20020306 EP REF (IN AT EINGETRA AT 214218 R	IN AUSTRIA REGISTERED AS: AGEN ALS:)
EP 1049284	P 20020315 CH EP/REG	
EP 1049334	P 19910327 EP AA	
EP 1049334		PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
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EP 1049334		19910723 PRIORITY (PATENT (PRIORITAET (PATENTANMELDUNG))
EP 1049334	JP 9260739 A P 19920326 EP AA (AUSSCHEIDUNG A	DIVIDED OUT OF
EP 1049334	EP 92302627 A3 P 19920326 EP AA (AUSSCHEIDUNG A EP 96119060 A3	DIVIDED OUT OF AUS)

EP 1049334	Р	19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114691 A 19920326
EP 1049334	P	
EP 1049334	P	20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 1049334	P	20001102 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1049334	Р	DE FR GB NL 20001102 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1049334	P	ANMELDUNG MIT RECHERCHENBERICHT) 20001102 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000715
EP 1049334	P	20001713 20001220 EP K1C1 CORRECTION OF PATENT APPLICATION (TITLE PAGE) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (TITELSEITE) ERSCHIENEN) 20001102
EP 1049334	P	20001102 20001220 EP RPR1 PRIORITY (CORRECTION) (PRIORITAET (KORR.)) JP 19910327 6279891 ; JP 19910425 9581391 ; JP 19910529 15565091 ; JP 19910723 18223691 ; JP 19920317 6073992
EP 1049334	P	20010718 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB NL
EP 1050879	P	19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1050879	P	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1050879	P	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1050879	Р	JP 93314114 A 19931119 19940418 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1050879	P	JP 94104879 A 19940418 19940707 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1050879	Р	(AUSSCHEIDUNG AUS)
EP 1050879	Р	(EUROPAEISCHE ANMELDUNG)
EP 1050879	P	EP 2000115017 A 19940727 20001108 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1050879	P	EP 637016 P 20001108 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

BE CH DE FR GB IT LI NL

EP 1050879	Р	20001108 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1120777	P	ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1120777	P	JP 94283415 A 19941117 19950202 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1120777	P	JP 9516153 A 19950202 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1120777	P	(AUSSCHEIDUNG AUS)
EP 1120777	Р	EP 95938017 A3 19951116 19951116 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1120777	Р	EP 2001108949 A 19951116 20010801 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 741382 P
EP 1120777	Р	
EP 1120777	Р	DE FR GB 20010801 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1120777	Р	20010801 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20010410
EP 1120777	P	20010410 20011010 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1120777	Р	DE FR GB 20011010 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1120777	P	(ART. 93)) 20011010 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7G 11B 20/00 A, 7G 06F 1/00 B, 7G 11B 7/00 B, 7G 11B 27/30 B, 7G 11B 23/28 B, 7G 11B 13/04 B, 7G 11B 11/105 B, 7G 11B 19/02 B, 7G 11B 19/12 B, 7G 11B 7/007 B, 7G 11B 7/26 B, 7G
EP 1154608	Р	11B 20/12 B, 7G 11B 27/10 B 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1154608	P	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1154608	Р	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1154608	P	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2001118510 A 19930326
EP 1154608	P	

EP 1154608	Р	EP 562875 P 20011114 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
EP 1154608	Р	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 20011114 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER	
EP 1168328	P	ANMELDUNG OHNE RECHERCHENBERICHT) 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1168328	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1168328	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1168328	Р	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	
EP 1168328	P	EP 96932845 A3 19961008 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	
EP 1168328	P	EP 2000102970 A3 19961008 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
EP 1168328	Р	EP 2001120681 A 19961008 20020102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
EP 1168328	Р	EP 802527 P 20020102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
EP 1168328	P	EP 1024478 P 20020102 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)	
EP 1168328	P	DE FR GB 20020102 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)	
EP 1168328	P	20020102 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20010919	
JAPAN (JP) Patent (No, Kind, Date): JP 5250756 A2 19930928 RECORDER/REPRODUCER (English) Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD Author (Inventor): OSHIMA MITSUAKI Priority (No, Kind, Date): JP 9250328 A 19920309 Applic (No, Kind, Date): JP 9250328 A 19920309 IPC: * G11B-013/04; G11B-013/00 JAPIO Reference No: ; 180014P000119 Language of Document: Japanese Patent (No, Kind, Date): JP 5307788 A2 19931119 RECORDING AND REPRODUCING DEVICE (English) Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD Author (Inventor): OSHIMA MITSUAKI Priority (No, Kind, Date): JP 92111176 A 19920430 Applic (No, Kind, Date): JP 92111176 A 19920430 IPC: * G11B-013/04; G11B-013/00 JAPIO Reference No: ; 180121P000165			

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Language of Document: Japanese
Patent (No, Kind, Date): JP 5327807 A2 19931210
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 9162798 Al 19910327; JP 9195813 Al
     19910425; JP 91155650 A1 19910529; JP 91182236 A1 19910723; JP
    9260739 A1 19920317
 Applic (No, Kind, Date): JP 9268935 A 19920327
 IPC: * H04L-027/36; H04J-003/00; H04J-011/00; H04L-027/38; H04N-007/00
    ; H04N-007/13; H04N-007/20
 JAPIO Reference No: ; 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 6036387 A2 19940210
 RECORDING/REPRODUCING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 92194450 A
                                              19920722
 Applic (No, Kind, Date): JP 92194450 A
                                          19920722
 IPC: * G11B-013/04; G11B-013/00
 JAPIO Reference No: ; 180264P000063
 Language of Document: Japanese
Patent (No, Kind, Date): JP 6164665 A2 19940610
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
                              JP 9368545
 Priority (No, Kind, Date):
                                                 19930326; JP 9267934 A
    19920326; JP 92256070 A
                              19920925
 Applic (No, Kind, Date): JP 9368545 A
                                           19930326
         H04L-027/36; H04L-027/38; H04L-027/00; H04N-005/40; H04N-007/00
    ; H04N-007/20; H04N-011/04
 Derwent WPI Acc No: * G 93-305235; G 94-103292
 JAPIO Reference No: * 180486E000144; 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 6180888 A2 19940628
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9334656 A
                                                19930128; JP 9213809 A
    19920129; JP 9268031 A 19920326; JP 92280874 A 19920925
 Applic (No, Kind, Date): JP 9334656 A 19930128
         G11B-013/00; G11B-013/04; G11B-011/10
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180522P000136; 180522P000136
 Language of Document: Japanese
Patent (No, Kind, Date): JP 6231509 A2 19940819
 RECORDING/REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIRO
    ; SHIMIZU RYOSUKE
 Priority (No, Kind, Date): JP 9363428 A 19930226; JP 92425 19920228; JP 92282666 A 19921021; JP 92331300 A 19921211 Applic (No, Kind, Date): JP 9363428 A 19930226
                                               19930226; JP 9242558 A
               G11B-013/04; G11B-005/127; G11B-005/82; G11B-013/00;
 IPC:
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    G11B-023/40
  Derwent WPI Acc No: * G 93-251292; G 93-313529
  JAPIO Reference No: * 180618P000070; 180618P000070
Language of Document: Japanese
Patent (No, Kind, Date): JP 6231510 A2 19940819
RECORDING/REPRODUCING APPARATUS (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIRO
    ; SHIMIZU RYOSUKE
                              JP 9392247 A
                                                 19930326; JP 9268031 A
  Priority (No, Kind, Date):
     19920326; JP 92280874 A
                                  19920925; JP 92282666 A 19921021; JP
    92331300 A 19921211
  Applic (No, Kind, Date): JP 9392247 A 19930326
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G11B-023/40
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180522P000136; 180618P000070; 180618P000070
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7093962 A2 19950407
 INFORMATION RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; TAN SATOSHI; KUWAMOTO MAKOTO
 Priority (No, Kind, Date): JP 93300723 A 19931201; JP 92321063 A
   19921201; JP 938596 A 19930121; JP 93205682 A 19930727
 Applic (No, Kind, Date): JP 93300723 A 19931201
 IPC: * G11B-033/02; G11B-017/04; G11B-025/10
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 7099522 A2 19950411
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 93261611 A 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 93261611 A 19930924
 IPC: * H04L-027/34; H04B-001/66; H04B-014/04
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7235097 A2 19950905
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIRO;
   YOSHIURA TSUKASA
 Priority (No, Kind, Date): JP 93351425 A
                                               19931228; JP 938596 A
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
    93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A
    19931119; JP 93333874 A 19931227; JP 93333392 A 19931227; JP
   93333403 A 19931227; JP 93349972 A 19931227
 Applic (No, Kind, Date): JP 93351425 A 19931228
 IPC: * G11B-013/04; G11B-005/02
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560; G 94-342258; G 95-116722; G 95-341616
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7235098 A2 19950905
 INFORMATION RECORDING MEDIUM AND ITS MANUFACTURE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI
 Priority (No, Kind, Date): JP 93351426 A 19931228; JP 938596 A
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
                   19930419; JP 93205682 A 19930727; JP 93297504 A
    9391011 A
   19931102; JP 93314114 A 19931119; JP 93333855 A 19931227
 Applic (No, Kind, Date): JP 93351426 A 19931228
 IPC: * G11B-013/04; B42D-015/10; G06K-019/06; G11B-023/40
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560; G 95-116722; G 95-341616; G 95-341616
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7235099 A2 19950905
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIRO;
   YOSHIURA TSUKASA; KAMIKADO TOSHIKAZU; TAN SATOSHI
 Priority (No, Kind, Date): JP 9422135 A 19940121; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
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   93333403 A 19931227; JP 93349972 A 19931227
 Applic (No, Kind, Date): JP 9422135 A 19940121
 IPC: * G11B-013/04; G11B-020/12; G11B-020/18
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94-250560; G 94-342258; G 95-116722; G 95-341616
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7249227 A2 19950926
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 94195853 A 19940727; JP 93205682 A
     19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
    93349972 A 19931227; JP 9422191 A 19940120
 Applic (No, Kind, Date): JP 94195853 A 19940727
 IPC: * G11B-007/00; G11B-007/007; G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 94-342258; G
    95-116722; G 95-246541; G 95-341616; G 96-062972; G 98-181451
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7264148 A2 19951013
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9479668 A 19940324
 Applic (No, Kind, Date): JP 9479668 A 19940324
 IPC: * H04H-001/00; H04N-007/01; H04N-007/24
 Derwent WPI Acc No: * G 95-387959; G 95-387959
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7320333 A2 19951208
 RECORDING/REPRODUCING APPARATUS AND RECORDING
                                                        MEDIUM AND ITS
    MANUFACTURE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI
 Priority (No, Kind, Date): JP 9422158 A
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     19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
              A · 19930727; JP 93297504 A 19931102; JP 93314114 A
     93205682
    19931119; JP 93333855 A 19931227
 Applic (No, Kind, Date): JP 9422158 A
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 IPC: * G11B-013/04; B42D-015/10; G06K-019/06; G11B-023/30
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 7322219 A2 19951208
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9479432 A 19940325; JP 9366461 A
     19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP
    93349972 A 19931227
 Applic (No, Kind, Date): JP 9479432 A 19940325
 IPC: * H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258 Language of Document: Japanese
Patent (No, Kind, Date): JP 8212560 A2 19960820
 OPTICAL RECORDING MEDIUM AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): UENO FUMIAKI; OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 94327805 A 19941228; JP 93335165 A 19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; G
     19931228; JP 9422191
                                                             19940418; JP
    94156089 A 19940707; JP 94299508 A 19941202
 Applic (No, Kind, Date): JP 94327805 A 19941228
    C: * G11B-007/007; B41M-005/26; G11B-007/00; G11B-007/26; G11B-013/04; G11B-019/04; G11B-020/10
                                                              G11B-007/24;
 IPC:
Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939
Language of Document: Japanese
Patent (No, Kind, Date): JP 8212681 A2 19960820
RECORDING/REPRODUCING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 9516865 A 19950203
 Applic (No, Kind, Date): JP 9516865 A 19950203
  IPC: * G11B-019/04; G11B-007/00; G11B-013/04; G11B-019/02; G11B-020/10
  Derwent WPI Acc No: * G 95-373939
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Language of Document: Japanese
Patent (No, Kind, Date): JP 8273164 A2 19961018
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI
 Priority (No, Kind, Date): JP 9592116 A 19950418; JP 94104879 A 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
    9515318 A 19950201; JP 9516153 A 19950202
 Applic (No, Kind, Date): JP 9592116 A 19950418
 IPC: * G11B-007/00; G11B-007/007; G11B-007/24; G11B-007/26;
    G11B-013/04; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
    96-268785; G 01-018026
 Language of Document: Japanese
Patent (No, Kind, Date): JP 10233019 A2 19980902
 OPTICAL DISK, OPTICAL DISK MANUFACTURING DEVICE AND OPTICAL DISK
    REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): KONISHI SHINICHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; GOTOU YOSHITOSHI; TAKEMURA YOSHIYA
 Priority (No, Kind, Date): JP 979318 A 19970122; JP 968110 A
     19960122; JP 968910 A 19960123; JP 96339304 A 19961219; JP
                19960809
    96211304 A
 Applic (No, Kind, Date): JP 979318 A 19970122
 IPC: * G11B-007/00; G11B-007/007; G11B-007/24; G11B-020/10
 Derwent WPI Acc No: * G 97-236117; G 97-236119; G 98-363034 Language of Document: Japanese
Patent (No, Kind, Date): JP 11162031 A2 19990618
 OPTICAL DISK, METHOD FOR RECORDING/REPRODUCING OPTICAL DISK DRAW
    INFORMATION,
                 OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK
    RECORDING/REPRODUCING DEVICE, OPTICAL DISK DRAW INFORMATION RECORDER
   AND OPTICAL DISK RECORDER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): MIYATAKE NORIO; MURAKAMI MOTOYOSHI; OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 97351243 A 19971219; JP 96339304 A 19961219; JP 97259110 A 19970924
 Applic (No, Kind, Date): JP 97351243 A
                                         19971219
              G11B-011/10; G11B-007/00; G11B-007/007; G11B-007/24;
 IPC:
   G11B-013/00; G11B-020/10
 Derwent WPI Acc No: * G 98-363034
Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032074 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
    RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169243 A 19910327; JP 9195813 A 19910425; JP
                                              19990616; JP 9162798 A
                                  19910425; JP 91155650 A 19910529; JP
    19910327; JP 9195813
    91182236 A 19910723; JP 9260739 A
                                           19920317
 Applic (No, Kind, Date): JP 99169243 A 19990616
              H04L-027/36; H04J-003/00; H04L-027/38;
 TPC:
                                                            H04N-007/015;
    H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032075 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
    RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169244 A
                                              19990616; JP 9162798 A
                            A 19910425; JP 91155650 A 19910529; JP
     19910327; JP 9195813
    91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169244 A 19990616
             H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
 IPC:
   H04N-007/20
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Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032076 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169245 A 19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169245 A 19990616
            H04L-027/36; H04J-003/00; H04L-027/38;
                                                        H04N-007/015;
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032077 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169246 A 19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169246 A 19990616
 IPC:
            H04L-027/36; H04J-003/00; H04L-027/38;
                                                        H04N-007/015;
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032078 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169247 A 19990616; JP 9162798 A
                           A 19910425; JP 91155650 A 19910529; JP
    19910327; JP 9195813
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169247 A 19990616
 IPC: * H04L-027/36; H04L-027/38; H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032079 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169248 A 19990616; JP 9162798 A
                           Α
                                19910425; JP 91155650 A 19910529; JP
    19910327; JP 9195813
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169248 A 19990616
            H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
 IPC:
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
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Patent (No, Kind, Date): JP 2000076659 A2 20000314
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
                             JP 99257252 A 19990910; JP 95261247 A
 Priority (No, Kind, Date):
    19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257252 A
                                          19990910
        G11B-007/007; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076662 A2 20000314
 OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK AND MANUFACTURE OF
    OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 99257248 A
                                             19990910; JP 95261247 A
    19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257248 A
                                         19990910
             G11B-007/085; G11B-007/004; G11B-007/24;
                                                            G11B-019/04;
   G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076705 A2 20000314
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 99257245 A 19990910; JP 95261247 A
    19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257245 A
                                         19990910
 IPC: * G11B-007/24; G11B-019/04; G11B-020/10; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076791 A2 20000314
                             DISK RECORDING METHOD AND OPTICAL DISK
           DISK,
                   OPTICAL
    REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 99257247 A 19990910; JP 95261247 A
    19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257247 A
                                         19990910
 IPC: * G11B-020/10; G11B-007/007; G11B-020/12; G11B-020/18
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000078222 A2 20000314
 TRANSMITTER, RECEIVER, TRANSMITTING DEVICE, TRANSMISSION METHOD AND
    RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
                                              19990714; JP 9162798 A
 Priority (No, Kind, Date): JP 99200091 A
                                 19910425; JP 91155650 A 19910529; JP
     19910327; JP 9195813
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    91182236 A
                19910723; JP 9260739 A
                                           19920317
 Applic (No, Kind, Date): JP 99200091 A
                                          19990714
 IPC: * H04L-027/34; H04J-003/00; H04J-015/00; H04L-027/36; H04L-027/38
    ; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731
  JAPIO Reference No: * 180152E000002
Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106579 A2 20000411
  TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99289582 A 19991012; JP 9162798 A
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19910327; JP 9195813 A 19910425; JP 91155650 A
                                                          19910529; JP
                19910723; JP 9260739 A 19920317
   91182236 A
 Applic (No, Kind, Date): JP 99289582 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106580 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289583 A
                                            19991012; JP 9162798 A
                                19910425; JP 91155650 A
    19910327; JP 9195813 A
   91182236 A
                19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289583 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106581 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289584 A 19991012; JP 9162798 A
                               19910425; JP 91155650 A 19910529; JP
    19910327; JP 9195813
                           Α
    91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289584 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106582 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289585 A 19991012; JP 9162798 A
                                19910425; JP 91155650 A 19910529; JP
    19910327; JP 9195813
                           Α
               19910723; JP 9260739 A 19920317
   91182236 A
 Applic (No, Kind, Date): JP 99289585 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106583 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
                            JP 99289586 A
                                            19991012; JP 9162798 A
  Priority (No, Kind, Date):
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                                19910425; JP 91155650 A 19910529; JP
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    91182236 A 19910723; JP 9260739 A
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 Applic (No, Kind, Date): JP 99289586 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/015
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
  JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000149423 A2 20000530
 REPRODUCER (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
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Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
   KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
           (No, Kind, Date):
                             JP 99373897 A
                                               19961008; JP 95261247 A
  Priority
    19951009; JP 968910 A
                             19960123; JP 96211304 A
 Applic (No, Kind, Date): JP 99373897 A
                                         19961008
         G11B-020/10; G11B-007/005
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: Japanese
Patent (No, Kind, Date): JP 2000156037 A2 20000606
  RECORDING DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
   KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
  Priority (No, Kind, Date): JP 95261247
                                                 19951009; JP 968910 A
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    19960123; JP 96211304 A
                             19960809
 Applic (No, Kind, Date): JP 99373901 A
                                           19991228
         G11B-020/10; G11B-007/0045; G11B-007/24
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000173062 A2 20000623
 OPTICAL DISK (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
   KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
  Priority (No, Kind, Date): JP 99373902 A
                                               19960810; JP 95261247 A
    19951009; JP 968910 A 19960123; JP 96211304 A
 Applic (No, Kind, Date): JP 99373902 A
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         G11B-007/007; G06F-012/14; G11B-020/10
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000173063 A2 20000623
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
   KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date):
                             JP 95261247
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                                                 19951009; JP 968910 A
    19960123
 Applic (No, Kind, Date): JP 99375208 A
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 IPC: * G11B-007/007; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000173179 A2 20000623
 REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No, Kind, Date): JP 95261247
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    19960123; JP 96211304 A
                             19960809
 Applic (No, Kind, Date): JP 99373898 A
                                           19991228
 IPC: * G11B-020/10; G06F-012/14; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000215603 A2 20000804
 RECORDING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No, Kind, Date): JP 95261247
                                           A 19951009; JP 968910 A
    19960123; JP 96211304 A
                              19960809
 Applic (No, Kind, Date): JP 99373896 A
                                           19991228
  IPC: * G11B-020/10; G11B-007/0045; G11B-019/04
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: Japanese
Patent (No, Kind, Date): JP 2000222729 A2 20000811
 MARKING PRODUCING DEVICE, OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK
    MANUFACTURING METHOD AND OPTICAL DISK (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
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KOISHI KENJI; MORIYA MITSURO
                                                19951009; JP 968910 A
  Priority (No, Kind, Date):
                             JP 95261247
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    19960123
 Applic (No, Kind, Date): JP 99257251 A
                                          19990910
  IPC: * G11B-007/004; G11B-020/10
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000222739 A2 20000811
 OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
   KOISHI KENJI; MORIYA MITSURO
                             JP 95261247
                                            Α
                                                19951009; JP 968910 A
 Priority (No, Kind, Date):
    19960123
 Applic (No, Kind, Date): JP 99257250 A
                                          19990910
 IPC: * G11B-007/005; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000222743 A2 20000811
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
                                                19951009; JP 968910 A
 Priority (No, Kind, Date):
                             JP 95261247
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    19960123
 Applic (No, Kind, Date): JP 99375209 A 19991228
             G11B-007/007; G11B-007/005;
                                           G11B-007/24;
                                                            G11B-020/10;
 IPC:
    G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000222782 A2 20000811
 OPTICAL DISK, OPTICAL DISK RECORDER AND OPTICAL DISK REPRODUCING DEVICE
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
                                            Α
                             JP 95261247
                                                19951009; JP 968910 A
 Priority (No, Kind, Date):
    19960123
 Applic (No, Kind, Date): JP 99257246 A
                                          19990910
 IPC: * G11B-007/24; G11B-007/004; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000222783 A2 20000811
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
   KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date):
                                                19951009; JP 968910 A
                             JP 95261247
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    19960123
 Applic (No, Kind, Date): JP 99257249 A 19990910
 IPC: * G11B-007/24; G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: Japanese
Patent (No, Kind, Date): JP 2000228016 A2 20000815
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
   KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
                             JP 99373899 A
                                              19960810; JP 95261247 A
  Priority (No, Kind, Date):
    19951009; JP 968910 A 19960123; JP 96211304 A
                                                       19960809
 Applic (No, Kind, Date): JP 99373899 A 19960810
              G11B-007/007;
                                                            G11B-020/10;
  IPC:
                              G06F-012/14;
                                             G11B-019/04;
    G11B-020/12
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
  Language of Document: Japanese
Patent (No, Kind, Date): JP 2000228062 A2 20000815
  RECORDER (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
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Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
  Priority (No, Kind, Date): JP 95261247
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                                                19951009; JP 968910 A
    19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): JP 99373900 A 19991228
 IPC: * G11B-020/10; G06K-019/06; G06K-019/04; G11B-007/0045
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000299677 A2 20001024
 TRANSMITTER, RECEIVER, TRANSMISSION SYSTEM, TRANSMITTING METHOD AND
    RECEIVING METHOD (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 200085410 A 20000324; JP 9267934 A
    19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 200085410 A
                                          20000324
 IPC: * H04J-011/00; H04J-003/00; H04L-001/00; H04L-027/34; H04L-027/02
    ; H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44; H04N-005/46;
   H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
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  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000312195 A2 20001107
 SENDING DEVICE, RECEPTION DEVICE, TRANSMISSION DEVICE, SENDING METHOD
   AND RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 200085407 A 19930326; JP 9267934 A
                             19920925
    19920326; JP 92256070 A
 Applic (No, Kind, Date): JP 200085407 A
                                          19930326
 IPC: * H04J-011/00; H04J-003/00; H04L-001/00; H04L-027/34; H04L-027/02
       H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44; H04N-005/46;
    H04N-005/78; H04N-005/7826; H04N-005/92; H04N-007/00; H04H-001/00;
   H04N-007/24; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
   G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000312196 A2 20001107
  TRANSMITTER, RECEIVER AND TRANSMISSION METHOD (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date):
                             JP 200085408 A 19930326; JP 9267934 A
    19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 200085408 A 19930326
               H04J-011/00; H04J-003/00; H04L-027/34; H04N-005/38;
 IPC:
    HO4N-005/445; HO4N-007/08; HO4N-007/081
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
   G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000312197 A2 20001107
 SENDING DEVICE, RECEPTION DEVICE, TRANSMISSION DEVICE, TRANSMISSION
    METHOD AND RECEIVING METHOD (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 200085409 A
                                               20000324; JP 9267934 A
    19920326; JP 92256070 A 19920925
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Applic (No, Kind, Date): JP 200085409 A
 IPC: * H04J-011/00; H04B-014/04; H04J-003/00; H04L-001/00; H04L-027/34
       H04L-027/02; H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44;
   H04N-007/20; H04H-001/00
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
     01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000312198 A2 20001107
 SENDING DEVICE, RECEPTION DEVICE, TRANSMISSION DEVICE AND TRANSMISSION
   METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 200095800 A
                                              19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 200095800 A
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         H04J-011/00; H04L-027/34; H04N-005/40; H04N-005/44; H04N-007/00
    ; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
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     00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
     01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000315992 A2 20001114
 TRANSMITTER AND RECEIVER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date):
                             JP 9267934 A 19920326; JP 92256070 A
    19920925
 Applic (No, Kind, Date): JP 200085411 A 20000101
               H04J-011/00; H04L-001/00; H04L-027/00; H04N-005/40;
    HO4N-005/455; HO4N-007/24; HO4N-007/30
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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       00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
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  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000324083 A2 20001124
 TRANSMITTER, RECEIVER, TRANSMISSION SYSTEM AND TRANSMISSION METHOD
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 200095801 A 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 200095801 A 19930924
               H04J-011/00;
                              H04L-027/36;
                                           H04L-027/38;
                                                          H04N-007/08;
 IPC:
   H04N-007/081; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
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  G 01-063439; G 01-063440; G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001093159 A2 20010406
 OPTICAL DISK AND OPTICAL DISK PLAYER (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  MORIYA MITSURO; KOISHI KENJI
  Priority (No, Kind, Date): JP 2000271625 A
                                                20000907; JP 95261247 A
      19951009; JP 968910 A 19960123
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Applic (No, Kind, Date): JP 2000271625 A
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 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001101668 A2 20010413
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date):
                             JP 2000275439 A
                                                  20000911; JP 95261247 A
      19951009; JP 968910 A
                              19960123
 Applic (No, Kind, Date): JP 2000275439 A
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 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001101669 A2 20010413
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 2000275440 A
                                                  20000911; JP 95261247 A
      19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 2000275440 A
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 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001110062 A2 20010420
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  MORIYA MITSURO; KOISHI KENJI
 Priority (No, Kind, Date): JP 2000271624 A
                                                 19960515; JP 95261247 A
      19951009; JP 968910 A
                              19960123
 Applic (No, Kind, Date): JP 2000271624 A
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 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001160833 A2 20010612
 RECEIVER AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000296301 A 20000928; JP 9162798 A
                                  19910425; JP 91155650 A 19910529; JP
     19910327; JP 9195813
                             Α
    91182236 A
                19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 2000296301 A
                                            20000928
 IPC: * H04L-027/00; H04B-001/16; H04L-027/38; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001160838 A2 20010612
 RECEIVER AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000296300 A 20000928; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529;
                                  19910425; JP 91155650 A 19910529; JP
    91182236 A 19910723; JP 9260739 A
                                            19920317
                                            20000928
 Applic (No, Kind, Date): JP 2000296300 A
 IPC: * H04L-027/34; H04J-003/00; H04N-005/40
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
      00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001211138 A2 20010803
 TRANSMISSION DEVICE AND RECEPTION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
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Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000375627 A 20001211; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 2000375627 A
                                           20001211
 IPC: * H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/38; H04N-005/44
   ; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
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     00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217804 A2 20010810
 SENDER, RECEIVER, TRANSMITTER, SENDING METHOD AND RECEIVING METHOD
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
                                              20001218; JP 92256070 A
 Priority (No, Kind, Date): JP 2000383210 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383210 A 20001218
 IPC: *
               H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/40;
   H04N-005/455; H04N-005/46; H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
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     00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217805 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383257 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383257 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/38; H04N-005/44
   ; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217806 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383303 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383303 A 20001218
               H04J-011/00; H04L-027/34;
                                           H04L-027/18; H04N-005/44;
 IPC: *
   H04N-007/015; H04N-007/08; H04N-007/081
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   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217807 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
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Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383395 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383395 A 20001218
              H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/40;
   H04N-005/455; H04N-005/46; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217808 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383425 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383425 A 20001218
 IPC:
              H04J-011/00; H04L-027/34;
                                          H04L-027/18; H04N-005/40;
   HO4N-005/455; HO4N-005/46; HO4N-007/08; HO4N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217809 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383459 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A
 Applic (No, Kind, Date): JP 2000383459 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/00; H04L-027/18; H04N-005/40
   ; H04N-005/455; H04N-005/46; H04N-007/24; H04N-007/08; H04N-007/081
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217810 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION DEVICE AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383489 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383489 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/00; H04L-027/18; H04N-005/40
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217811 A2 20010810
  TRANSMITTER AND RECEIVER (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
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Priority (No, Kind, Date): JP 2000383523 A
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               H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/40;
   HO4N-005/445; HO4N-005/46; HO4N-007/08; HO4N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217890 A2 20010810
 RECEIVER AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000381901 A
                                              20001215; JP 9162798 A
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 Applic (No, Kind, Date): JP 2000381901 A 20001215
 IPC: * H04L-027/34; H04L-027/18; H04N-005/38; H04N-005/44
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     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
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 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001223669 A2 20010817
 TRANSMITTER, RECEIVER, TRANSMISSION SYSTEM, TRANSMISSION METHOD AND
    RECEPTION METHOD (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383341 A 20001218; JP 92256070 A
      19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383341 A 20001218
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    ; H04N-007/081
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2002057650 A2 20020222
 Priority (No, Kind, Date): JP 2001173882 A 20010608; JP 9267934 A
    19920326; JP 92256070 A 19920925
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 Applic (No, Kind, Date): JP 2001173882 A
               H04J-011/00; H04L-027/38; H04N-005/40; H04N-005/44;
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   G 01-063441; G 02-050566
JAPIO Reference No: * 180486E000144
Language of Document: Japanese
Patent (No, Kind, Date): JP 3008651 B2 20000214
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 9268935 A 19920327; JP 9162798 A1
                            A1 19910425; JP 91155650 A1 19910529; JP
     19910327; JP 9195813
    91182236 A1 19910723; JP 9260739 A1 19920317
 Applic (No, Kind, Date): JP 9268935 A 19920327
        * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
  IPC:
    HO4N-007/20; HO4N-007/24
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3042780 B2 20000522
  Priority (No, Kind, Date): JP 99257245 A 19990910; JP 95261247 A
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19951009; JP 968910 A 19960123
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             G11B-007/007; G06K-019/00; G11B-007/004;
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                                                            G11B-007/24;
    G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3042781 B2 20000522
 Priority (No, Kind, Date): JP 99257252 A 19990910; JP 95261247 A
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 Applic (No, Kind, Date): JP 99257252 A 19990910
             G11B-007/007; G06K-019/00; G11B-007/004; G11B-007/005;
    G11B-007/24; G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3061053 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169243 A 19990616; JP 9162798 A
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 Applic (No, Kind, Date): JP 99169243 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 3061054 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169244 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
    91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169244 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
   H04N-007/20
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3061055 B2 20000710
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169245 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
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 Applic (No, Kind, Date): JP 99169245 A 19990616
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   H04N-007/20
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3061056 B2 20000710
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169248 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529;
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 Applic (No, Kind, Date): JP 99169248 A 19990616
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 IPC:
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 3089599 B2 20000918
  Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): JP 99257246 A 19990910
 IPC: * G11B-007/24; G11B-007/004; G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3089600 B2 20000918
 Priority (No, Kind, Date): JP 95261247
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 Applic (No, Kind, Date): JP 99257249 A 19990910
 IPC: * G11B-007/24; G11B-007/007; G11B-020/10
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
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Patent (No, Kind, Date): JP 3089601 B2 20000918
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 IPC: * G11B-007/005; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3092620 B2 20000925
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169246 A
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                19910723; JP 9260739 A 19920317
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 Applic (No, Kind, Date): JP 99169246 A 19990616
 IPC: * H04L-027/36; H04J-007/00; H04L-027/38; H04N-007/015
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3092621 B2 20000925
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169247 A 19990616; JP 9162798 A
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 Applic (No, Kind, Date): JP 99169247 A 19990616
 IPC: * H04L-027/36; H04J-007/00; H04L-027/38; H04N-007/015
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3097914 B2 20001010
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 Priority (No, Kind, Date): JP 95261247
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 Applic (No, Kind, Date): JP 99257251 A
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 IPC: * G11B-007/004; G11B-007/26; G11B-020/10
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 3097916 B2 20001010
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): JP 99375208 A
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 IPC: * G11B-007/007; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Patent (No, Kind, Date): JP 3097917 B2 20001010
 Priority (No, Kind, Date): JP 95261247
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 IPC: * G11B-007/007; G11B-007/005; G11B-007/24;
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3109552 B2 20001120
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9368545
19920326; JP 92256070 A 19920925
                                              19930326; JP 9267934 A
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 Applic (No, Kind, Date): JP 9368545 A
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                              H04L-027/36; H04L-027/38; H04N-005/40;
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               H04J-011/00;
 IPC:
   HO4N-007/015; HO4N-007/20; HO4N-011/04
Language of Document: Japanese
Patent (No, Kind, Date): JP 3111776 B2 20001127
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
  Priority (No, Kind, Date):
                             JP 93261611 A
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 IPC: * H04J-011/00
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3112012 B2 20001127
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99289582 A 19991012; JP 9162798 A
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 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3112013 B2 20001127
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OOSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99289583 A 19991012; JP 9162798 A
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  IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3112014 B2 20001127
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OOSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99289586 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
    91182236 A 19910723; JP 9260739 A 19920317
  Applic (No, Kind, Date): JP 99289586 A 19991012
  IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/015
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3114727 B2 20001204
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
  Author (Inventor): OOSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99289584 A 19991012; JP 9162798 A
     19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
    91182236 A 19910723; JP 9260739 A 19920317
  Applic (No, Kind, Date): JP 99289584 A 19991012
  IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
  Language of Document: Japanese
Patent (No, Kind, Date): JP 3114728 B2 20001204
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OOSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99289585 A 19991012; JP 9162798 A
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   Language of Document: Japanese
 Patent (No, Kind, Date): JP 3143454 B2 20010307
   Priority (No, Kind, Date): JP 2000275439 A 2000 19951009; JP 968910 A 19960123 Applic (No, Kind, Date): JP 2000275439 A 20000911
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              G11B-007/007; G11B-007/004; G11B-007/24;
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 Patent (No, Kind, Date): JP 3143455 B2 20010307
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   Language of Document: Japanese
 Patent (No, Kind, Date): JP 3144422 B2 20010312
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   Priority (No, Kind, Date): JP 95261247 A
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   IPC: * G11B-020/10; G11B-007/0045; G11B-019/04
   Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
   Language of Document: Japanese
 Patent (No, Kind, Date): JP 3144423 B2 20010312
   Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
    Applic (No, Kind, Date): JP 99373901 A 19991228
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IPC: * G11B-020/10; G11B-007/0045
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3147120 B2 20010319
 Priority (No, Kind, Date): JP 95261247
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 Applic (No, Kind, Date): JP 99373898 A
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 IPC: * G11B-020/10; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3147121 B2 20010319
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 Applic (No, Kind, Date): JP 99373900 A
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 IPC: * G11B-020/10; G11B-007/0045
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3154704 B2 20010409
 Priority (No, Kind, Date):
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 Applic (No, Kind, Date): JP 200085407 A
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 IPC: * H04J-011/00; H04L-027/02; H04N-005/38
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  JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3154705 B2 20010409
 Priority (No, Kind, Date): JP 200085408 A 19930326; JP 9267934 A
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 Applic (No, Kind, Date): JP 200085408 A
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 IPC: * H04J-011/00; H04L-027/02; H04N-005/38
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  G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3154706 B2 20010409
 Priority (No, Kind, Date): JP 200085409 A 20000324; JP 9267934 A
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 Applic (No, Kind, Date): JP 200085409 A
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Patent (No, Kind, Date): JP 3154708 B2 20010409
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 JAPIO Reference No: * 180486E000144
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Patent (No, Kind, Date): JP 3175740 B2 20010611
 Priority (No, Kind, Date): JP 99373897 A 19961008; JP 95261247 A
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 Applic (No, Kind, Date): JP 99373897 A 19961008
        G11B-020/10; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3209221 B2 20010917
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             G11B-007/007; G06F-012/14;
                                            G11B-019/04;
                                                           G11B-020/10;
   G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Patent (No, Kind, Date): JP 3209222 B2 20010917
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 Applic (No, Kind, Date): JP 99373902 A 19960810
        G11B-007/007; G06F-012/14; G11B-020/10
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 Language of Document: Japanese
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                                               19960515; JP 95261247 A
 Priority (No, Kind, Date): JP 2000271624 A
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 3225036 B2 20011105
 Priority (No, Kind, Date): JP 2000271625 A 20000907; JP 95261247 A
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Language of Document: Japanese
Patent (No, Kind, Date): JP 3231035 B2 20011119
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 Priority (No, Kind, Date): JP 2000383257 A
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 Applic (No, Kind, Date): JP 2000383257 A 20001218
               H04J-011/00; H04N-005/38;
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                                                          H04N-007/08;
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Patent (No, Kind, Date): JP 3231036 B2 20011119
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                                                              HO4N-007/08;
                H04J-011/00; H04N-005/38;
    H04N-007/081
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Patent (No, Kind, Date): JP 3233625 B2 20011126
  Priority (No, Kind, Date): JP 2000383210 A 20001218; JP 92256070 A
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     H04N-007/081
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 Patent (No, Kind, Date): JP 3233626 B2 20011126
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         * G11B-007/085;
     G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: Japanese
Patent (No,Kind,Date): JP 3248807 B2 20020121
   Priority (No, Kind, Date): JP 9479432 A 19940325; JP 9366461 A
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   IPC: * H04J-011/00; H04N-007/015; H04N-007/20
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   Language of Document: Japanese
KOREA, REPUBLIC (KR)
 Patent (No, Kind, Date): KR 161051 B1 19990115
   COMMUNICATION SYSTEM (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): MITSUAKI OSHIMA (JP)
                                                  19930325; JP 93132984 A
    Priority (No, Kind, Date): JP 9366461 A 19930325; JP 9313298
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    Applic (No, Kind, Date): KR 946012 A
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IPC: * HO4N-007/12
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Korean
Patent (No, Kind, Date): KR 195398 B1 19990615
 RECORDING/REPRODUCING APPARATUS AND MEDIUM AND PRODUCTION METHOD
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OHSIMA MITSEUAKI (JP); KOMODA HIDEAKI (JP);
    USIGOME HISASI (JP)
                              JP 938596 A
 Priority (No, Kind, Date):
                                                19930121; JP 9392219 A
     19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
    93297504 A 19931102; JP 93314114 A 19931119
 Applic (No, Kind, Date): KR 941111 A 19940121
 IPC: * G11B-011/00
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 Language of Document: Korean
Patent (No, Kind, Date): KR 217013 B1 19991001
 RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITZAKI (JP); SHIMIZ RYOOSKI (JP); KOUDO DOSHIKAZ (JP); YOSHIHURA SKASHA (JP); MASURA TAKUMI (JP); DANAKA
    MICHIRO (JP); DAN SADOSHI (JP)
 Priority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
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 Applic (No, Kind, Date): KR 941112 A 19940121
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 Language of Document: Korean
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93205682 A 19930727; JP 93297504 A
     19931102; JP 93314114 A 19931119; JP 94104879 A 19940418; JP
    94156089 A 19940707
 Applic (No, Kind, Date): KR 9418308 A 19940727
 IPC: * G11B-007/00
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 Language of Document: Korean
Patent (No, Kind, Date): KR 9602468 B1 19960217
 TRANSMITTER (English)
 Patent Assignee: MATSUSITA ELECTRIC IND K K (JP)
 Author (Inventor): OOSIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
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 Applic (No, Kind, Date): KR 934766 A 19930326
 IPC: * H04L-027/36
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 JAPIO Reference No: * 180486E000144
 Language of Document: Korean
Patent (No, Kind, Date): KR 9602703 B1 19960224
 SIGNAL TRANSMISSION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND K K (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9162798 A 19910327; JP 919583 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723
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 Language of Document: Korean
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SINGAPORE (SG)

Patent (No, Kind, Date): SG 5400982 Al 19981221

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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; KOUDO TOSHIKAZU;
      YOSHIURA TSUKASA; MATSUURA TAKUMI; TANAKA MITIRO; TAN SATOSHI
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   Language of Document: English
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
   Priority (No, Kind, Date): JP 938596 A
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   Applic (No, Kind, Date): SG 9800735 A 19940119
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   Language of Document: English
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
   Priority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A
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   Applic (No, Kind, Date): SG 9800736 A 19940119
   IPC: * G11B-019/02; G11B-007/007
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   Language of Document: English
UNITED STATES OF AMERICA (US)
  Patent (No, Kind, Date): US 5473584 A 19951205
   RECORDING AND REPRODUCING APPARATUS (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No, Kind, Date): US 281337 A 19940727; JP 9213809 A
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      94104879 A 19940418; JP 94156089 A 19940707; US 184117 A2
      19940121; US 9709 A2 19930127
   Applic (No, Kind, Date): US 281337 A
   National Class: * 369032000; 369047000; 369054000
    IPC: * G11B-017/22
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      96-062972; G 98-181451; G 01-018026
    JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
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  Patent (No, Kind, Date): US 5526328 A
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      DIFFERENT TRACKS (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
      TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP);
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TANAKA MICHIRO (JP); TAN SATOSHI (JP)
 Priority (No, Kind, Date): US 184117 A 19940121; JP 9213809 A
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    19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
    9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
    19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; US
    9709 A2 19930127
 Applic (No, Kind, Date): US 184117 A 19940121
 National Class: * 369013000; 369032000
 IPC: * G11B-011/00
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 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
    180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5555275 A 19960910
 MULTI-THRESHOLD AND HIERARCHICAL TELEVISION SIGNAL TRANSMISSION SYSTEM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No, Kind, Date): US 417269 A 19950405; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
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 Applic (No, Kind, Date): US 417269 A
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 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
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 JAPIO Reference No: * 180152E000002
Language of Document: English
Patent (No, Kind, Date): US 5600672 A COMMUNICATION SYSTEM (English)
                                        19970204
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SAKASHITA SEIJI (JP) Priority (No, Kind, Date): US 240521 A 19940510; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
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   19930510; JP 93261612 A 19930924; JP 933499 9479668 A 19940324; US 857627 A2 19920325
                                                          19931227; JP
 Applic (No, Kind, Date): US 240521 A 19940510
 National Class: * 375219000; 375270000; 375301000; 375321000
 IPC: * H04L-005/16; H04B-001/38
 Derwent WPI Acc No: * G 92-325674; G 94-103292; G 94-311606; G
    94-342258; G 95-387959; G 97-195354; G 00-108239; G 00-118426; G
    00-184726; G 00-184727; G 00-184728; G 00-184729; G
                                                            00-184730; G
   00-184731; G 00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): US 5682360 A
                                        19971028
 RECORDING AND REPRODUCING APPARATUS FOR USE WITH A RECORDING MEDIUM
    HAVING AN OPTICAL RECORDING LAYER AND MAGNETIC RECORDING LAYER
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9213809 A 19920129; JP 9242558 A
    19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP
    92111176 A
                 19920430; JP 92194450 A
                                            19920722; JP 92280874 A
    19920925
 Applic (No, Kind, Date): US 9709 A
                                       19930127
 National Class: * 369013000; 360059000; 360114000
 IPC: * G11B-011/00; G11B-005/127
 Derwent WPI Acc No: * G 93-251292; G 93-313529
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JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
    180522P000136; 180618P000070
  Language of Document: English
Patent (No, Kind, Date): US 5699331 A 19971216
  APPARATUS OPERATING WITH RECORDING MEDIUM ACCORDING TO POSITIONAL
    INFORMATION OF A SECRET CODE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No, Kind, Date): US 534771 A 19950927; JP 9213809 A
    19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
                                             19920430; JP 92194450 A
                19920326; JP 92111176 A
    9268031 A
    19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
    9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
    19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP 94104879 A 19940418; JP 94156089 A 19940707; US 281337 A3
    19940727; US 184117 A2 19940121; US 9709 A2 19930127
  Applic (No, Kind, Date): US 534771 A 19950927
  Addnl Info: 5473584 Patented; 5526328 Patented
  National Class: * 369032000; 369047000; 369054000
  IPC: * G11B-017/22
  Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
    94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G 01-018026
  JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
    180522P000136; 180618P000070
  Language of Document: English
Patent (No, Kind, Date): US 5761301 A
                                          19980602
  MARK FORMING APPARATUS, METHOD OF FORMING LASER MARK ON OPTICAL DISK,
    REPRODUCING APPARATUS, OPTICAL DISK AND METHOD OF PRODUCING OPTICAL
    DISK (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
                                               19941117; JP 9516153 A
   Priority (No, Kind, Date): JP 94283415 A
     19950202; JP 95261247 A 19951009
  Applic (No, Kind, Date): US 560015 A
                                           19951117
  National Class: * 380004000; 369272000; 235494000
   IPC: * H04K-001/00
   Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
     97-236119
   Language of Document: English
 Patent (No, Kind, Date): US 5802241 A 19980901
   COMMUNICATION SYSTEM (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No, Kind, Date): US 706376 A 19960830; JP 9267934 A
     19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP 93349972 A
     19931227; US 217895 B1 19940325; US 126589 A2 19930927; US 37108
     A2 19930325
   Applic (No, Kind, Date): US 706376 A 19960830
   National Class: * 386046000; 348723000
   IPC: * H04N-005/91; H04N-005/38
   Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
     00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
     00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G
     01-063439; G 01-063440; G 01-063441
   JAPIO Reference No: * 180486E000144
   Language of Document: English
 Patent (No, Kind, Date): US 5805551 A
                                          19980908
   METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL
      INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
Priority (No, Kind, Date): US 845794 A 19970425; JP 94104879 A
      19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
      9515318 A 19950201; JP 9516865 A 19950203; US 423668 A3
      19950418; US 281337 A2 19940727
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Applic (No, Kind, Date): US 845794 A
                                        19970425
 Addnl Info: 5473584 19951205 Patented
 National Class: * 369059000; 369047000; 369048000; 369058000;
   360048000
 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026
 Language of Document: English
                                      19980915
Patent (No, Kind, Date): US 5807640 A
 OPTICAL RECORDING MEDIUM, REPRODUCING SYSTEM, METHOD OF REPRODUCING
   OPTICAL DISK, METHOD OF FABRICATING OPTICAL DISK ORIGINAL RECORD, AND
   METHOD OF STOPPING ILLEGAL PROGRAM OPERATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93335165 A
                                           19931228; JP 9422191
   19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP
                19941202; WO 94JP2304 W 19941228
   94299508 A
 Applic (No, Kind, Date): US 507495 A 19950828
 National Class: * 428064100; 428064200; 428064400; 428913000;
   369275100; 369284000
 IPC: * B32B-003/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   01-018026
 Language of Document: English
Patent (No, Kind, Date): US 5819000 A
                                      19981006
 MAGNETIC RECORDING AND PLAYBACK APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                           19920326; JP 92256070 A
   19920925
 Applic (No, Kind, Date): US 37108 A
                                       19930325
 National Class: * 386046000; 348723000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
   00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
   00-589074; G 00-589075; G 00-589076; G 00-589077; G
                                                          00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 5881038 A
                                      19990309
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL
   INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
Priority (No, Kind, Date): US 423668 A 19950418; JP 94104879
   19940418; JP 94283415 A 19941117; JP 94327963 A
                                                         19941228; JP
               19950201; JP 9516865 A 19950203; US 281337 A2
   9515318 A
   19940727
 Applic (No, Kind, Date): US 423668 A
                                        19950418
 National Class: * 369059000; 369084000; 369058000; 369054000;
   369047000
 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): US 5892879 A
                                      19990406
 COMMUNICATION SYSTEM FOR PLURAL DATA STREAMS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 126589 A 19930927; JP 9267934 A
   19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; JP
                19930510; US 37108 A2 19930325
   93132984 A
 Applic (No, Kind, Date): US 126589 A 19930927
 National Class: * 386046000; 348726000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
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00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
   00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G
   01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 5959948 A 19990928
 RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 970162 A 19971113; JP 9213809 A
   19920129; JP 9242558 A 19920228; JP 9250328 A
                                                    19920309; JP
              19920326; JP 92111176 A 19920430; JP 92194450 A
   9268031 A
   19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
   9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
   19930727; JP 93297504 A 19931102; JP 93314114 A
                                                      19931119; JP
   93349972 A
               19931227; JP 94104879 A 19940418; JP 94156089 A
   19940707; US 534771 A1 19950927; US 281337 A3 19940727; US 184117
   A2 19940121; US 9709 A2 19930127
 Applic (No, Kind, Date): US 970162 A
                                      19971113
 Addnl Info: 5699331 Patented; 5473584 Patented; 5526328 Patented
 National Class: * 369032000; 369047000; 369054000
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 94-342258; G 95-116722; G 95-246541; G 95-341616; G
   95-373939; G 96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5999569 A 19991207
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 61979 A 19980417; JP 9267934 A
   19920326; JP 92256070 A 19920925; US 37108 A3 19930325
 Applic (No, Kind, Date): US 61979 A 19980417
 Addnl Info: 5819000 Patented
 National Class: * 375265000; 348608000; 348607000; 348726000
 IPC: * H04L-027/28; H04L-005/12; H04L-023/02
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
   00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 6049651 A
                                      20000411
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 64147 A 19980422; JP 9267934 A
   19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; US
   126589 A3 19930927; US 37108 A1 19930325
 Applic (No, Kind, Date): US 64147 A 19980422
 Addnl Info: 5892879 Patented; 5819000 Patented
 National Class: * 386046000; 386123000; 348726000
 IPC: * H04N-005/91; H04N-007/015; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
                                           00-589075; G 00-589076; G
   00-589072; G 00-589073; G
                              00-589074; G
                              00-595507; G 01-063437; G 01-063438; G
   00-589077; G 00-589078; G
   01-063439; G 01-063440; G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 6052465 A
                                      20000418
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): US 649411 A
                                        19960516
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6081785 A
                                     20000627
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYTOCOMMUNICATION
   SYSTEM AND PROGRAM LICENSE SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                          19951009; JP 968910 A
   19960123; JP 96211304 A 19960809; WO 96JP2924 W
 Applic (No, Kind, Date): US 849468 A 19970609
 National Class: * 705001000; 380201000; 369272000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
                                       20000919
Patent (No, Kind, Date): US 6122373 A
 OPTICAL DISK, OPTICAL DISK BARCODE FORMING METHOD, OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 404506 A 19990923; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No, Kind, Date): US 404506 A 19990923
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6125181 A
                                     20000926
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 404639 A 19990923; JP 95261247 A 19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No, Kind, Date): US 404639 A 19990923
 National Class: * 380002000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6128388 A
                                     20001003
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   SHINICHI
 Priority (No, Kind, Date): US 401114 A 19990922; JP 95261247 A
                           19960123; US 649411 A3 19960516
    19951009; JP 968910 A
 Applic (No, Kind, Date): US 401114 A 19990922
 National Class: * 380059000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Language of Document: English
Patent (No, Kind, Date): US 6141419 A 20001031
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
    FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 441338 A 19991116; JP 95261247 A
    19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 441338 A 19991116
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6144742 A
                                     20001107
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
    REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
    FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 401669 A 19990922; US 649411 A3
    19960516
 Applic (No, Kind, Date): US 401669 A
                                       19990922
 Addnl Info: 6052465 Patented
 National Class: * 380004000
 IPC: * H04L-009/00
 Language of Document: English
Patent (No, Kind, Date): US 6160888 A 20001212
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
    REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 441337 A 19991116; JP 95261247 A
    19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 441337 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
    705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 20010013023 AA 20010809
 RECORDABLE OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI (JP)
  Priority (No, Kind, Date): US 450438 A 19991130; JP 95261247 A
    19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
    849468 Al 19970609
 Applic (No, Kind, Date): US 450438 A
                                      19991130
 Addnl Info: 6081785 Patented
 National Class: * 705057000; 369084000; 369272000
 IPC: * G06F-017/60; G11B-007/26; G11B-007/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 20010021144 AA 20010913
 OPTICAL DISK, METHOD FOR RECORDING AND REPRODUCING WRITE-ONCE
    INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING
    DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR
    RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK
    RECORDING DEVICE (English)
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KONISHI SHINICHI (JP);
   TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP);
   GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
   MURAKAMI MOTOYOSHI (JP)
 Priority (No, Kind, Date): US 833995 A 20010412; JP 96339304 A
   19961219; JP 979318 A 19970122; JP 97259110 A 19970924; US
   308550 A3 19990520
 Applic (No, Kind, Date): US 833995 A
                                       20010412
 Addnl Info: 6266299 Patented
 National Class: * 369013000; 369059180
 IPC: * G11B-011/00
 Derwent WPI Acc No: * G 98-363034
 Language of Document: English
Patent (No, Kind, Date): US 20010038578 AA 20011108
 MEDIUM, APPARATUS, AND METHOD RELATED TO ENCRYPTION RESULTANT
   INFORMATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 796534 A
                                         20010302; JP 93205682 A
   19930727; JP 94104879 A 19940418; JP 94156089 A
                                                       19940707; JP
              19920129; JP 9242558 A 19920228; JP 9250328 A
   9213809 A
   19920309; JP 9268031 A 19920326; JP 92111176 A
                                                      19920430; JP
   92194450 A 19920722; JP 92280874 A 19920925; JP 938596 A
   19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
   93297504 A 19931102; JP 93314114 A 19931119; US 305318 A3
   19990505; US 970162 A3 19971113; US 534771 A1 19950927; US 281337
   A3 19940727; US 184117 A2 19940121; US 9709 A2 19930127
 Applic (No, Kind, Date): US 796534 A 20010302
 Addnl Info: 6243330 Patented; 5959948 Patented; 5699331 Patented;
   5473584 Patented; 5526328 Patented; 5682360 Patented
 National Class: * 369013000; 369053210; 369047110; 369053290
 IPC: * G11B-007/00
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
   96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 20010055132 AA 20011227
 OPTICAL DISK RECORDABLE USING BOTH A CIPHER KEY AND DISK IDENTIFICATION
   INFORMATION FOR ENCRYPTION (English)
 Patent Assignee: OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
 Priority (No, Kind, Date): US 450416 A 19991130; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
   849468 A1 19970609
 Applic (No, Kind, Date): US 450416 A
                                     19991130
 Addnl Info: 6081785 Patented
 National Class: * 359109000; 713189000
 IPC: * G02F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6175629 BA 20010116
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 441357 A 19991116; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 441357 A 19991116
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National Class: * 380203000; 380201000; 713193000; 705051000;
   705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6208736 BA 20010327
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 441021 A 19991116; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 441021 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
   705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6229896 BA 20010508
 OPTICAL DISK, AN OPTICAL BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 440782 A 19991116; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 440782 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
   705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6243330 BA 20010605
 RECORDING MEDIUM, APPARATUS, AND METHOD RELATED TO ENCRYPTION RESULTANT
   INFORMATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No, Kind, Date): US 305318 A 19990505; JP 9213809 A
   19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
   9268031 A
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   19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
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   19930409; JP 93297504 A 19931102; JP 93314114 A
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                19940418; JP 94156089 A 19940707; US 970162 A3
   94104879 A
   19971113; US 534771 A1 19950927; US 281337 A3 19940727; US 184117
   A2 19940121; US 9709 A2 19930127
 Applic (No, Kind, Date): US 305318 A
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 Addnl Info: 5959948 Patented; 5699331 Patented; 5473584 Patented;
   5526328 Patented; 5682360 Patented
 National Class: * 369032000; 369047100; 369053110
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
    94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
    96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
    180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 6256357 BA 20010703
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 379746 A 19990824; JP 9267934 A
    19920326; JP 92256070 A 19920925; US 61979 A3 19980417; US 37108
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A3 19930325
 Applic (No, Kind, Date): US 379746 A
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 Addnl Info: 5999569 Patented; 5819000 Patented
 National Class: * 375261000; 375280000; 375298000; 375308000;
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 IPC: * H04N-005/46
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
   00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 6266299 BA 20010724
 MAGNETO-OPTICAL DISK HAVING WRITE-ONCE IDENTIFICATION MARKS AND METHOD
   FOR RECORDING THEREOF (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); KONISHI SHINICHI (JP);
   TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP);
   GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
   MURAKAMI MOTOYOSHI (JP)
 Priority (No, Kind, Date): JP 96339304 A 19961219; JP 979318 A
   19970122; JP 97259110 A 19970924; WO 97JP4664 W 19971217
 Applic (No, Kind, Date): US 308550 A 19990520
 National Class: * 369013000
 IPC: * G11B-011/00
 Derwent WPI Acc No: * G 98-363034
 Language of Document: English
Patent (No, Kind, Date): US 6278671 BA 20010821
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 679580 A 20001004; JP 95261247 A
   19951009; JP 968910 A 19960123; US 441281 A1 19991116; US 649411
   A1 19960516
 Applic (No, Kind, Date): US 679580 A
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 Addnl Info: 6052465 20000418 Patented
 National Class: * 369047190; 369047210; 369053410; 369059230;
   369275300
 IPC: * G11B-007/007
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6285762 BA 20010904
 OPTICAL DISK, OPTICAL DISK BARCODE FORMING METHOD, OPTICAL DISK
   REPRODUCTION APPARATUS, MARKING FORMING APPARATUS, METHOD OF FORMING
   A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN
   OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   SHINICHI
 Priority (No, Kind, Date): US 401935 A 19990923; JP 95261247 A
                          19960123; US 649411 A3 19960516
   19951009; JP 968910 A
 Applic (No, Kind, Date): US 401935 A 19990923
 Addnl Info: 6052465 Patented
 National Class: * 380203000; 380201000; 713193000; 705051000;
   705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6285763 BA 20010904
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
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MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 441281 A 19991116; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 441281 A
                                      19991116
 National Class: * 380203000; 380201000; 705051000; 705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6285764 BA 20010904
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 679233 A 20001004; JP 95261247 A
   19951009; JP 968910 A 19960123; US 441281 A1 19991116; US 649411
   Al 19960516
 Applic (No, Kind, Date): US 679233 A 20001004
 Addnl Info: 6052465 20000418 Patented
 National Class: * 380203000; 380201000; 713193000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6298138 BA 20011002
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 679505 A 20001004; JP 95261247 A
   19951009; JP 968910 A 19960123; US 441281 A1 19991116; US 649411
      19960516
                                        20001004
 Applic (No, Kind, Date): US 679505 A
 Addnl Info: 6052465 Patented
 National Class: * 380203000; 380201000; 713193000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6301569 BA 20011009
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION
   SYSTEM AND PROGRAM LICENSE SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIRO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): US 450437 A
                                        19991130; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
   849468 A1 19970609
 Applic (No, Kind, Date): US 450437 A 19991130
 National Class: * 705057000; 369047000; 369084000; 369272000
 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6343282 BA 20020129
OPTICAL DISK READING DEVICE USING BOTH A DECIPHER KEY AND DISK
    IDENTIFICATION INFORMATION (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    YOSHINARI (JP)
  Priority (No, Kind, Date): US 450413 A 19991130; JP 95261247 A
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19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US

849468 Al 19970609

Applic (No, Kind, Date): US 450413 A 19991130 Addnl Info: 6081785 Patented

National Class: * 705057000

IPC: * G06F-017/60

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Derwent WPI Acc	: No:	* G 96-268/85; G 9/-236117, G 9/ 236119
Language of Doo	cument	: Eligitali
UNITED STATES OF AN	AERTCI	(201)
Legal Status (No.	Type.	.Date.Code.Text):
US 95507495	A	19950878 US REFW CORRESPONDS TO FOT
05 95507455	11	APPLICATION (ENTSPRICHT PCT ANMELDUNG)
		WO 9518443 P
us 97849468	А	19970609 US REFW CORRESPONDS TO PCT
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		WO 9714144 P
US 5473584	P	19920129 US AA PRIORITY (PATENT)
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US 5473584	F	JP 92280874 A 19920925
US 5473584	P	19930121 US AA PRIORITY (PATENT)
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US 5473584	P	US 184117 A2 19940121
HO 5472504	Р	19940418 US AA PRIORITY (PATENT)
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US 5473584	P	TO THE TOTAL (DAMENIA)
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05 5475561	-	(APPL. DATA (PATENT))
		US 281337 A 19940727
US 5473584	Р	
		INTEREST
		MATSUSHITA ELECTRIC IDNUSTRIAL CO., LTD.
		1006, OAZA KADOMA KADOMA-SHI, OSAKA, JA;
		OSHIMA, MITSUAKI : 19940906
00 01.4	P	19951205 US A PATENT 19920129 US AA PRIORITY (PATENT)
US 5526328	P	JP 9213809 A 19920129
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                                           ASSIGNMENT OF ASSIGNOR'S
                          INTEREST
                          MITSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
                          1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA;
                          OSHIMA, MITSUAKI: 19940317; SHIMIZU, RYOSUKE
                          : 19940317; KOUDO, TOSHIKAZU : 19940317;
                          YOSHIURA, TSUKASA: 19940317; MAT: 19940317;
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                          MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
                          KADOMA-SHI 1006, OAZA KADOMA OSAKA, JAP ;
                          OSHIMA, MITSUAKI: 19940317; SHIMIZU, RYOSUKE
                          : 19940317; KOUDO, TOSHIKAZU : 19940317;
                          YOSHIURA, TSUKASA: 19940317; MAT: 19940317;
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                    19950405 US AE
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US	6301569	P	PRE	GRANT PUBL	ICATION)
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US US US	6301569 6301569 6301569	P P P	PRE 19951009 JP 19960123 JP 19960809 JP 19970609 US 19991130	G-GRANT PUBLE US AA 95261247 A US AA 968910 A US AA 96211304 A US AA 849468 A1 US AE	ICATION) PRIORITY (PATENT) 19951009 PRIORITY (PATENT) 19960123 PRIORITY (PATENT) 19960809 PRIORITY (CONTINUATION) 19970609 APPLICATION DATA (PATENT)
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US US US US US	6301569 6301569 6301569 6301569	P P P P	PRE 19951009 JP 19960123 JP 19960809 JP 19970609 US 19991130 (AF US 20011009 PRE	G-GRANT PUBLE US AA 95261247 A US AA 968910 A US AA 96211304 A US AA 849468 A1 US AE PPL. DATA (PA 450437 A US BA G-GRANT PUBLE	ICATION) PRIORITY (PATENT) 19951009 PRIORITY (PATENT) 19960123 PRIORITY (PATENT) 19960809 PRIORITY (CONTINUATION) 19970609 APPLICATION DATA (PATENT) ATENT)) 19991130 PATENT (NO PREVIOUS ICATION) PRIORITY (PATENT)
us us us us us us	6301569 6301569 6301569 6301569 6301569	P P P P	PRE 19951009 JP 19960123 JP 19960809 JP 19970609 US 19991130 (AF US 20011009 PRE 19951009 JP	G-GRANT PUBLE US AA 95261247 A US AA 968910 A US AA 96211304 A US AA 849468 A1 US AE PL. DATA (PA 450437 A US BA G-GRANT PUBLE US AA 95261247 A	ICATION) PRIORITY (PATENT) 19951009 PRIORITY (PATENT) 19960123 PRIORITY (PATENT) 19960809 PRIORITY (CONTINUATION) 19970609 APPLICATION DATA (PATENT) ATENT)) 19991130 PATENT (NO PREVIOUS ICATION) PRIORITY (PATENT) 19951009
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US US US US US US US	6301569 6301569 6301569 6301569 6301569 6343282	P P P P	PRE 19951009 JP 19960123 JP 19960809 JP 19970609 US 19991130 (AE US 20011009 PRE 19951009 JP 19960123 JP 19960809	G-GRANT PUBLE US AA 95261247 A US AA 968910 A US AA 96211304 A US AA 849468 A1 US AE PL. DATA (PA 450437 A US BA G-GRANT PUBLE US AA 95261247 A US AA 968910 A US AA	ICATION) PRIORITY (PATENT) 19951009 PRIORITY (PATENT) 19960123 PRIORITY (PATENT) 19960809 PRIORITY (CONTINUATION) 19970609 APPLICATION DATA (PATENT) ATENT)) 19991130 PATENT (NO PREVIOUS ICATION) PRIORITY (PATENT) 19951009 PRIORITY (PATENT) 19960123 PRIORITY (PATENT)
US US US US US US US US	6301569 6301569 6301569 6301569 6301569 6343282 6343282	P P P P	PRE 19951009 JP 19960123 JP 19960809 US 19991130 (AE US 20011009 PRE 19951009 JP 19960123 JP 19960809 JP	G-GRANT PUBLE US AA 95261247 A US AA 968910 A US AA 96211304 A US AA 849468 A1 US AE PL. DATA (PA 450437 A US BA G-GRANT PUBLE US AA 95261247 A US AA 968910 A US AA 968910 A	ICATION) PRIORITY (PATENT) 19951009 PRIORITY (PATENT) 19960123 PRIORITY (PATENT) 19960809 PRIORITY (CONTINUATION) 19970609 APPLICATION DATA (PATENT) ATENT)) 19991130 PATENT (NO PREVIOUS ICATION) PRIORITY (PATENT) 19951009 PRIORITY (PATENT) 19960123 PRIORITY (PATENT) 19960809
US US US US US US US US	6301569 6301569 6301569 6301569 6301569 6343282 6343282	P P P P	PRE 19951009 JP 19960123 JP 19960809 US 19991130 (AF US 20011009 PRE 19951009 JP 19960123 JP 19960809 JP 19970609	G-GRANT PUBLE US AA 95261247 A US AA 968910 A US AA 96211304 A US AA 849468 A1 US AE PPL. DATA (PR 450437 A US BA G-GRANT PUBLE US AA 95261247 A US AA 968910 A US AA 96211304 A US AA	ICATION) PRIORITY (PATENT) 19951009 PRIORITY (PATENT) 19960123 PRIORITY (PATENT) 19960809 PRIORITY (CONTINUATION) 19970609 APPLICATION DATA (PATENT) ATENT)) 19991130 PATENT (NO PREVIOUS ICATION) PRIORITY (PATENT) 19951009 PRIORITY (PATENT) 19960123 PRIORITY (PATENT) 19960809 PRIORITY (CONTINUATION)
US US US US US US US US US	6301569 6301569 6301569 6301569 6301569 6343282 6343282	P P P P	PRE 19951009 JP 19960123 JP 19960809 US 19991130 (AF US 20011009 PRE 19951009 JP 19960123 JP 19960809 JP 19970609 US 19991130	G-GRANT PUBLE US AA 95261247 A US AA 968910 A US AA 96211304 A US AA 849468 A1 US AE PPL. DATA (PR 450437 A US BA G-GRANT PUBLE US AA 95261247 A US AA 968910 A US AA 96211304 A US AA 96211304 A US AA 849468 A1 US AE	ICATION) PRIORITY (PATENT) 19951009 PRIORITY (PATENT) 19960123 PRIORITY (PATENT) 19960809 PRIORITY (CONTINUATION) 19970609 APPLICATION DATA (PATENT) ATENT)) 19991130 PATENT (NO PREVIOUS ICATION) PRIORITY (PATENT) 19951009 PRIORITY (PATENT) 19960123 PRIORITY (PATENT) 19960809 PRIORITY (PATENT) 19960809 PRIORITY (CONTINUATION) 19970609 APPLICATION DATA (PATENT)
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WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)
  Patent (No, Kind, Date): WO 9518443 Al 19950706
                                 REPRODUCTION APPARATUS OF OPTICAL DISK,
    OPTICAL RECORDING MEDIUM,
                               OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL AND ILLEGAL PROGRAM OPERATION STOP METHOD
      REPRODUCTION METHOD OF
      DISK OF
                OPTICAL DISK,
      (English)
                        MATSUSHITA ELECTRIC IND CO LTD (JP); UENO FUMIAKI
    Patent Assignee:
      (JP); OSHIMA MITSUAKI (JP)
    Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): JP 93335165 A 19931228; JP 9422191 A
                                    19940418; JP 94156089 A
       19940120; JP 94104879 A
                                                                19940707; JP
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    Applic (No, Kind, Date): WO 94JP2304 A
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                                                 (Regional) AT; BE; CH; DE;
    Designated States: (National) CN; KR; US
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    Filing Details: WO 100000 With international search report
                G11B-007/007;
                                G11B-020/12; G11B-013/04;
                                                                G11B-007/00;
      G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
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19970609 US AA

PRIORITY (CONTINUATION)

US 20010013023

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Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   01-018026; G 95-246541
 Language of Document: Japanese
Patent (No, Kind, Date): WO 9528704 Al 19951026
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
   INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI; GOTOH YOSHIHO
 Priority (No, Kind, Date): JP 94104879 A 19940418; JP 94283415 A
    19941117; JP 94327963 A 19941228; JP 9515318 A 19950201; JP
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 Applic (No, Kind, Date): WO 95JP760 A 19950418
 Designated States: (National) CN; KR (Regional) AT; BE; CH; DE; DK;
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 Filing Details: WO 120000 With international search report; With
   amended claims and statement
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026; G 95-373939
 Language of Document: Japanese
Patent (No, Kind, Date): WO 9616401 Al 19960530
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
   OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
   PRODUCING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI; GOTOH YOSHIHO
 Priority (No, Kind, Date): JP 94283415 A 19941117; JP 9516153 A
   19950202; JP 95261247 A 19951009
 Applic (No, Kind, Date): WO 95JP2339 A
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 Designated States: (National) CN; JP; KR; MX (Regional) AT; BE; CH;
   DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 100000 With international search report
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119; G 96-268785
 Language of Document: Japanese
Patent (No, Kind, Date): WO 9714144 A1 19970417
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); OSHIMA MITSUAKI
      (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI
    (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
                            JP 95261247 A 19951009; JP 968910 A
 Priority (No, Kind, Date):
   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): WO 96JP2924 A
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 Designated States: (National) CN; JP; KR; US (Regional) AT; BE; CH;
   DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
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 OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK
   REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR
   OPTICAL DISK, AND METHOD OF OPTICAL DISK PRODUCTION (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                     GOTOH YOSHIHO; OSHIMA MITSUAKI; TANAKA SHINICHI;
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